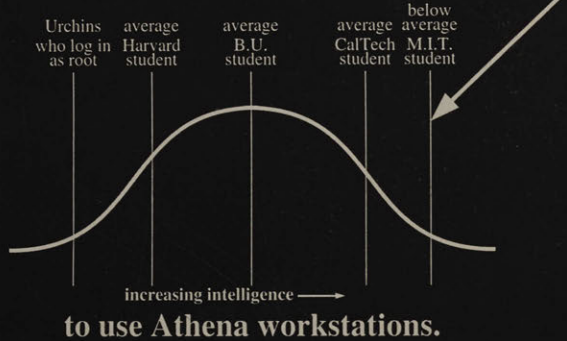


T171
M42h
A847
1996/97

How To Get Around MIT

MIT Private Property *No Trespassing - No Soliciting*

You must be at least this smart



1996-1997

Technology Community Association

How To Get Around MIT

HowToGAMIT, Twenty-seventh Edition
June 1996

Kevin Amonlirdviman
Chief Editor

Ameet Singh
Business Manager

David DiFranco
Associate Editor

Cato Wagner
Treasurer

Contributors

Robert Chan
Henry Huang
Tetsu Inada
Sorcha O'Sullivan

Charu Pari
Rohit Sharma
Tejpreet Singh
Chaz Yoon

Printed and Bound by Charles River Publishing
Copyright © 1996 Technology Community Association
All Rights Reserved

Additional copies of HowToGAMIT may be purchased from the
Technology Community Association (W20-450, (617) 253-4885),
the MIT Coop, the Source, and the MIT Press Bookstore.

Preface

The Hitchhiker's Guide to the Galaxy is a wholly remarkable book. It has been compiled and recompiled many times over many years and under many different editorships. It contains contributions from countless numbers of travelers and researchers... [It] is a very unevenly edited book and contains passages that simply seemed to its editors like a good idea at the time...

In many of the more relaxed civilizations on the Outer Eastern Rim of the Galaxy, the Hitchhiker's Guide has already supplanted the great Encyclopedia Galactica as the standard repository of all knowledge and wisdom, for though it has many omissions and contains much that is apocryphal, or at least wildly inaccurate, it scores over the older, more pedestrian work in two important respects.

First, it is slightly cheaper; and second, it has the words Don't Panic inscribed in large friendly letters on its cover.

"The Guide is definitive. Reality is frequently inaccurate."

- Douglas Adams

Welcome to MIT!

The guide that you hold in your hands is the key to unlocking the wealth of resources that is Boston. With *HowToGAMIT Edition 27*, you will be able to sample that restaurant you've never heard of, you'll understand why a frappe is a milkshake and a milkshake is not, and you'll learn what a loser is.

A few words on how to use this book. Within each chapter there are a number of short entries, usually in alphabetical order or some other useful order (at least to us). Section headings are at the top of each page to help you find the information you are looking for.

Despite the efforts of our enormous fact-checking staff, some of the information you will find within these pages may be inaccurate or incomplete. We have tried to eliminate as many of these as possible. We are human, however. If you do find an error, please let us know via interdepartmental mail (TCA, W20-450, Attn: HowToGAMIT 27) or email (amon@mit.edu or ddif@mit.edu). If you would like to pass on your knowledge of MIT and Boston, *HowToGAMIT Edition 28* could use your help. TCA meetings are held every Thursday at 7:00 PM during the academic term in W20-450.

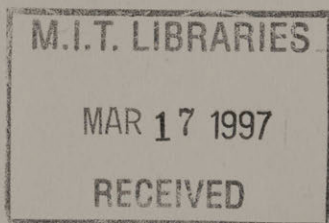
Some final words: whatever you do, take time to chill. Life at MIT may overwhelm you, but that's why we put out this guide. Ultimately, *HowToGAMIT Edition 27* is a guide book, a reference book, and a reasonable paperweight all in one.

Enjoy!

Kevin Amonlirdviman '97 and David DiFranco '99

Cambridge, MA

June 1996



Contents

Useful Phone Numbers	4
Emergency Information	8
"Help!"	9
Medical Resources	27
Law	30
Academics	34
MIT Facilities	51
Athena	59
MIT Publications	63
MIT Geography	71
Finance	72
Housing	80
Activities	86
Athletics	104
Miscellaneous	113
Transportation	119
Sightseeing	132
Entertainment	140
Shopping	152
Restaurants	168
Media	193
Colleges Around Boston	198
MIT History	203
MIT Songs and Such	207
Hacking	213
Mwoh About Boston	217
Glossary	220

Telephone Numbers

Common Phone Numbers

The following pages list some of the most often called numbers around the Institute and outside.

MIT, 77 Mass. Ave., Cambridge, MA 02139

Telephone: (617) 253-1000

Emergency - from any MIT phone, dial 100

Campus Police (CP)	W31-215	3-1212
Medical Department (9 AM-5 PM)	E23	3-4481
Weekends, Holidays, Nights		3-1311
Psychiatric Department (8:30 AM-5 PM)	E23-376	3-2916
After 5 PM		3-1311
Religious Counselors	W2A	3-2985

Dorms

Ashdown Desk	305 Memorial Drive	3-2961
Baker Desk	362 Memorial Drive	3-3161
Bexley Desk	46-52 Massachusetts Avenue	8-9863
Burton Desk	410 Memorial Drive	3-3261
East Campus Desk	3 Ames Street	3-2871
Eastgate (Manager)	60 Wadsworth Street	3-7463
French House Desk	476 Memorial Drive	3-6561
German House Desk	476 Memorial Drive	8-6386
Green Hall (Manager)	350 Memorial Drive	3-5963
MacGregor Desk	450 Memorial Drive	3-1461
McCormick Desk	320 Memorial Drive	3-5961
New House Desk	471-475 Memorial Drive	3-6561
Next House Desk	500 Memorial Drive	3-8761
Random Hall Desk	282-290 Massachusetts Avenue	8-6344
Russian House Desk	471 Memorial Drive	8-6370
Senior House Desk	4 Ames Street	3-3191
Spanish House Desk	473 Memorial Drive	3-6561
Tang	550 Memorial Drive	3-1773
Westgate (Manager)		3-5063

Independent Living Groups

Alpha Delta Phi	351 Massachusetts Avenue	576-2792
Alpha Epsilon Pi	155 Bay State Road, Boston	247-3170
Alpha Phi	279 Commonwealth Avenue, Boston	225-1500
Alpha Tau Omega	405 Memorial Drive	253-2200
Beta Theta Pi	119 Bay State Road, Boston	267-6072
Chi Phi	32 Hereford Street, Boston	247-8355
Delta Kappa Epsilon	403 Memorial Drive	494-8674
Delta Psi (#6)	428 Memorial Drive	494-9833
Delta Tau Delta	416 Beacon Street, Boston	247-3687

Useful Phone Numbers 5

Delta Upsilon	526 Beacon Street, Boston	536-3931
Epsilon Theta	259 St. Paul Street, Brookline	724-9211
Fenway House	34 The Fenway, Boston	437-1043
Fiji	28 The Fenway, Boston	247-0908
Kappa Sigma	407 Memorial Drive	494-0330
Lambda Chi Alpha	99 Bay State Road, Boston	236-1328
Nu Delta	460 Beacon Street, Boston	437-7300
Phi Beta Epsilon	400 Memorial Drive	253-2843
Phi Delta Theta	97 Bay State Road, Boston	247-8691
Phi Kappa Sigma	530 Beacon Street, Boston	266-2988
Phi Kappa Theta	229 Commonwealth Avenue, Boston	437-7795
Phi Sigma Kappa	487 Commonwealth Avenue, Boston	267-2119
pika	69 Chestnut Street, Cambridge	492-6983
Pi Lambda Phi	450 Beacon Street, Boston	267-5451
Sigma Alpha Epsilon	484 Beacon Street, Boston	247-8322
Sigma Chi	532 Beacon Street, Boston	262-3192
Sigma Phi Epsilon	518 Beacon Street, Boston	536-1300
Student House	111 Bay State Road, Boston	247-0506
Tau Epsilon Phi	253 Commonwealth Avenue, Boston	262-5090
Theta Chi	528 Beacon Street, Boston	267-1801
Theta Delta Chi	372 Memorial Drive	494-8300
Theta Xi	64 Bay State Road, Boston	266-2827
WILG (Women's Independent Living Group)	355 Massachusetts Avenue	253-6799
Zeta Beta Tau	58 Manchester Road, Brookline	232-3257
Zeta Psi	233 Massachusetts Avenue	661-4111

Information

ContactLine		3-7840
Directory Assistance (MIT Operator)		0
Emergency Closings		3-7669
Hahvahd (info)		186-5-5000 or 5-1000
Housing Information	W20-549	3-6777
Information Office	7-121	3-4795
LSC Information	W20-469	3-3791
Libraries, Information	14S-200	3-5683
SCC Partyline		3-3916
Time		3-7972
Weather		(Outside-WEN-RAIN)
		3-1234
Wellesley (info)		187-2387

Official Staff

Athletic Department	W32	3-4498
Equipment desk		3-2914
Committee on Academic Performance	7-104	3-4164
Concourse	20C-224	3-3200

6 Useful Phone Numbers

Dean for Student Affairs	7-133	3-4861
Office (Counseling)		3-4861
Experimental Study Group	24-612	3-7786
Faculty Club	E52-6th	3-4896
Financial Aid Office	5-119	3-4971
Graduate School Office	3-132	3-1957
Graduate School Council	50-222	3-2195
Placement Office	12-170	3-4733
Registrar's Office	E19-335	3-4781
Student Accounts Office	E19-215	3-4133
Student Employment	5-119	3-4973
Student Loans		3-3342
Undergraduate Academic Support Office	7-104	3-6771
Freshman Advising		

Activities

Student Art Association	W20-429	3-7019
Student Information Processing Board	W20-557	3-7788
The Tech	W20-483	3-1541
Technology Community Association (TCA)	W20-450	3-4885
24 Hour Coffeehouse	W20	3-7972
Undergraduate Association (UA)	W20-401	

Miscellaneous

Building Repair	E19-135	3-4948
Child Care	4-144	3-1592
I. M. Supervisor	W32-123	3-7947
Kosher Kitchen	50-005	3-2982
Student Center Manager	W20-501	3-6491
Taxis		3-2301
Telephone Repair (Outside-611)	E19-741	3-HELP

Outside Numbers

Access Line (Counseling and Information)	267-9150
Ambulance Service	424-4073
	338-1212
American Automobile Association	723-9666
Ask the Globe	929-2990
Better Business Bureau - Questions	482-9151
Complaints	482-9190
Cambridge City Hall	498-9000
Cambridge Hospital	498-1000
Consumers' Council (Boston)	727-2605
Dental Emergency	969-6663
Directory Assistance	411
Domino's Pizza	424-9000
Fire Department (Cambridge)	876-0125
Emergency	911

Legal Aid Society (Boston)	722-4100 x253
MBTA Information (schedules) 7 AM-6 PM M-F	722-3200
night \ weekends	722-5000
service conditions	722-5050
MIT Switchboard	253-1000
Emergency Closings	253-SNOW
Information	253-4795
Police (Cambridge)	498-9300
Police (Boston)	536-6700
Emergency	911
Smithsonian Sky Report (Recording)	491-1497
Sports Scoreboard (Recording)	265-6600
Tell it to Joe (Boston Herald)	338-6550
Time and Temperature (Recording)	NER-VOUS
Weather (Recording)	936-1234
Women's Center	569-1773



319 massachusetts avenue
 cambridge, massachusetts 02139
 497-1590/1591

**five dollar discount and free
 consultation with this ad**

Emergency Information

For any emergency,
dial 100
 from an Institute phone.

Fire, Medical, Police Call x-100 for emergency medical or police service. Emergency medical care is available through Campus Police 24 hours a day. The CPs can also be reached at 253-1212. Those who live off-campus should call their local emergency number (911 in most places). MIT Medical's 24-hour Urgent Care Line is 253-1311.

Physician, Surgeon, Psychiatrist The Medical Department (building E23, 253-1311 or 253-4481) always has a physician, an obstetrician/gynecologist, a pediatrician, a surgeon, and a psychiatrist on call. A physician is on site at all times. The psychiatrist can be consulted about anything from home troubles to a bad trip.

Nightline Call 253-8800 from 7PM to 7AM, September through May, to talk about anything. Nightline has a male and female student available all night, and all calls are confidential. If something is bothering you, *call*.

Contact Line Call 253-6460 from 8PM to Midnight, Sunday through Wednesday, for a confidential peer counseling and information hotline focusing on issues of sexuality. There is a male and female staffer. Contact Line is operated by GAMIT.

Arrest If you are arrested, call Campus Police (253-1212, 253-2997). Lest you forget, the number is on the back of your ID card. In nearly all cases, Campus Police will help you seek release from custody on personal recognizance, on bail, or through arrangements with a bondsman. Don't plead guilty --- ask for a "continuance." (Campus Police will explain this and more when you call.)

Dean-on-Call There is always a dean on call, even after office hours. To reach him or her for any reason, call Campus Police (253-1212) and ask for the dean-on-call.

Money The Institute can arrange to get you money in an emergency. Details are in the *Finances* chapter. After hours, contact the Dean-on-Call (see above), who can clear you for money from the Campus Police emergency fund. If you're off campus the money may even be wired to you.

Physical Plant Call 253-4948 (F-IXIT) anytime for problems, from electrical failures to floods.

Safe Ride The Campus Police run a pair of "Safe Ride" vans which run from 6PM to 3AM (4AM on Fridays and Saturdays). One goes to living groups in Cambridge, the other in Boston. Use this service, especially when you're on campus alone late at night and need to get home.

“Help!”

Sometimes the Institute can seem to be a pretty cold place, especially when things aren't going well and you're looking for a place to turn for help. Fortunately MIT takes its responsibility to provide support services very seriously, which means there are lots of safety nets around if you know where to look for them.

Don't be afraid to ask!!! Often the hardest step in solving your problem is just asking for help. If the first contact doesn't get you what you want, *try someone else*. There are many services for students here. Besides the resources below, don't forget about your advisor, housemaster, graduate resident, friends, or an instructor you trust as sources of advice. Department heads are a valuable resource for graduate students.

Undergraduate Education and Student Affairs

7-133,x3-6772; Dean Arthur Smith

The UESA is actually composed of several offices. If you have a problem or are faced with a serious question, or even a small one, the UESA is a good place to go. The deans have an extensive knowledge of both the Institute and student problems. The deans are willing to talk with students; that's their job. They can direct you to helpful resources, relay comments or complaints to the appropriate people, or initiate a look into (and sometimes a change of) established policies in your behalf. Although the staff of each section works primarily in its respective area, feel free to talk to any of them. It is likely, though, that you will get greater satisfaction from a dean whose duties or interests match your problem.

The Dean's Office is concerned with the students' living and learning environment. It represents the interests and welfare of students and is concerned with the growth of students both as individuals and as members of the academic community. It is the purpose of the Dean's Office to support and to complement the academic program at MIT.

Dean Smith is very friendly and eager to help students. In addition to his staff, the Dean's Office is composed of four principal sections:

Undergraduate Academic Affairs Office

- Undergraduate Academic Support Office
- Freshman Advising Center
- Undesignated Sophomore Advising
- Support to the Committee on Academic Performance
- Academic Information Center
- Study Skills Support Sessions
- Undergraduate and Freshman Advisor Seminars
- Undergraduate Research Opportunities Program
- Writing Requirement Office
- Independent Activities Period Office
- Residence/Orientation Week Planning Center
- Wellesley-MIT Exchange Information

Student Assistance Services

- Student Counseling
- International Students Office
- Support to Minority Students
- Support to Women Students
- Support to Handicapped Students

Residence and Campus Activities

- Institute Dining Programs
- Undergraduate and Graduate Housing
- Student Activities Information
- Scheduling for Kresge, Chapel, Student Center
- Fraternity/Sorority and Independent Living Group Advising

Office of Minority Education

- Project Interphase
- Tutorial Services
- Seminar Series

Undergraduate Academic Affairs Office

Room 7-104; x3-6771, Room 20B-104, x3-7909; Dean Travis Merritt

The UAAO is an office of first resort. If they can't help you themselves, they know who can.

Founded as a freshman advising office, the UAAO has evolved into a center for academic advising and information for upperclass students as well. Working with a student committee, the UAAO plans Residence/Orientation Week. The office serves as the departmental office for all freshmen and undesignated sophomores. For freshmen it organizes Freshman Advisor Seminars, in which seminar leaders advise the freshmen in their seminars, as well as Residence-Based Freshman Advising, in which advisors are assigned freshmen from the same living group. During the academic year, the UAAO sends out colored "flashes" reminding freshmen and their advisors of what they are suppose to do.

As an academic information center for all undergraduates, the office has most of the forms and fact-sheets that you will ever need to know, and if something isn't there, the staff will certainly know where to find it. The staff working with the Committee on Academic Performance can also advise you on how to fill out petitions on various academic matters, for instance, to request late adds and drops.

The UAAO sponsors several programs a year to help students improve their study skills. If you feel that you might benefit from one of these seminars (or would like to lead one) contact this office. The UAAO depends on help from upperclassmen not only as leaders of study skills sessions, but also as associate advisors for freshmen and members of the R/O Committee. Contact the office to learn how to volunteer.

If you have academic concerns or problems, talk to one of the UAA staff. They take pride in being helpful and will try to negotiate problems with faculty or other

administrators. They are also good people to talk to about changing majors or transferring, and if you find yourself in academic trouble, they will assist you in sorting out what's happening and identify where you can get help.

The UAAO also administers a number of interdepartmental academic programs. Independent Activities Period (IAP), Undergraduate Research Opportunity Program (UROP), and the Wellesley-MIT Exchange are described later in this book.

The Undergraduate Seminars Program offers introductory classes on various topics. The range of topics is astounding, and the seminars offer a way to explore fields or find out what is going on outside your major. Pick up a copy of the Undergraduate Seminar Booklet in 7-104. Booklets are available at the same time as registration materials, and a revised version of the booklet, with last-minute additions, is published at the start of each semester.

The UAAO also serves as the Writing Requirement Office in 20B-104, x3-3039. Staff there can answer questions about how to satisfy Phase One and Phase Two of the Requirement, and they keep track of whether or not you've passed the two phases. The office coordinates Phase One of the Requirement, including the Freshman Essay Evaluation (FEE), which is now mandatory for all entering students. If you do not pass the FEE, talk to the coordinator of the Writing Requirement about how best to improve your writing. The office is also the place to turn in a Phase One paper.

Student Assistance Services

Room 5-106; x3-4861; Dean Robert Randolph

The staff in Student Assistance Services assist both undergraduate and graduate students with a wide range of issues ranging from the sublime to the mundane. The principal function of the office is to provide individual personal counseling services. This office is equipped and designed to solve continuing major problems as well as to offer quick solutions to short-term problems. International students, women, gay students, minority and disabled students also receive special assistance with programs and ideas especially concerned with their respective groups. The services offered by this division of the Office of Undergraduate Education and Student Affairs are so diverse that you may seek help there without anyone having the slightest idea what specifically brought you to the office until you explain your concern. This is done so that students will have no hesitation about seeking support when they need it.

Students can call or visit the office (5-106, x3-4861) to talk about their questions, plans or problems. Whether your concerns are academic, administrative, career, financial, family, residential, social, legal, or personal, the people in this office are interested in hearing from you. Your problems will be kept strictly confidential. The staff of this office maintains close working relations with the psychiatric service (see the section about Psychiatry before you jump to conclusions), Nightline (the student hotline) and the Contact Line (dealing with sexual concerns and issues). Both Nightline and Contact Line are described elsewhere in this chapter.

The counselors in SAS handle withdrawals, readmissions, and excused absences

from final examinations. Students are often referred to this office by their instructors, advisors, housemasters, and by fellow students who have been helped by the office. Because the counseling deans meet with the Committee on Academic Performance and have a cooperative relationship with many Institute offices including Student Financial Aid, the Bursar's Office, the Registrar, and the Medical Department, many students find it helpful to discuss issues related to these other offices with the counseling deans.

Student Assistance Services has special concerns for disabled students, for gay students, for women students and for international students. If you have a disability, see Dean Arnold Henderson to help implement special arrangements which may be necessary to deal with this environment. Each case is given individual attention and concern. A brochure, *Services for the Disabled Student at MIT* (also in large print and on cassette) are available in this office.

This section also supports the academic and personal well-being of women students and minority students by developing and coordinating specific programs and by responding to the concerns of individual students. The goal is to be sure that the MIT environment is supportive of minorities and women, and attractive to prospective students from these groups. Deans Jacqueline Simonis and Ayida Mthembu are particularly involved with this aspect of the office.

The International Students advisor, Dean Milena Levak (3-3795), helps to coordinate the introduction of international students to MIT and provides support to various international student organizations. Matters relating to immigration status, practical training and travel plans for foreign students are the concern of this portion of the office. The Host Family Program, which matches international students with American families, is located in this office. Orientation sessions for new international students are regularly scheduled beginning in August.

Residence and Campus Activities

Room W20-549; x3-4051

MIT's residence program tries to create a living space that facilitates personal and social growth while supporting academic progress. The policies and facilities are made in the spirit of providing housing of high quality. They encourage responsibility and constructive social behavior.

The staff in the residence division of the Dean's Office administers Institute housing policy and coordinates the residential programs. They make dormitory assignments, handle room switches, and decide rent changes and adjustments. They also provide support and funding to the faculty housemasters and graduate residents. They work with residential government groups on programs, problems, and issues of concern to the students. RCA also provides advising to the fraternities, sororities, and other independent living groups.

The RCA office provides counselling to individual students on housing availability and options. There is great diversity in lifestyle and rules among the different dorms, and the Residence Office can be useful in matching a student to a dorm

with his or her particular interests or needs. It also handles the Institute Dining Program and supports the independent living groups.

This section of the Dean's Office also provides support to the undergraduate and graduate student governments as well as to a wide spectrum of co-curricular activities. If you have ideas for a new student activity, this is the office to contact for help in getting it started. The Dean's Office recognizes the importance and value of student-initiated programs, activities, and student-run organizations: they provide a wide variety of experiences which supplement academic learning. They also provide opportunities for recreation, leadership, and types of learning that could never be found in a classroom. Working with the Campus Police, this office assists campus residents and group leaders with parking requests.

To run your activity, you may need office space, and you will almost certainly need to reserve rooms for various events from time to time. In this section procedures for obtaining both of these are described.

Office Space Office space is available through the ASA, on the basis of demonstrated need. If there is no other office space available, your organization can be assigned to the small activities room in the Student Center (W20-437).

Student Center The Student Center includes several meeting rooms. For more information and for reservations, contact the Campus Activities complex (W20-500, x3-7974).

Kresge Kresge Auditorium is the place with the largest seating capacity on campus. It is used for movies, bands, the orchestra, and lectures. The scheduling for the auditorium is done in March for the coming school year and is booked fairly solidly. In addition to the auditorium, there is a *Little Theatre* and two rehearsal rooms. All of these facilities are scheduled by the CAC.

The Bush Room The Bush Room (10-105) is a large, comfortable room suited for luncheon or dinner meetings but is usually not available except for Institute programs. There are kitchen facilities everywhere. Reservations can be made through the Alumni Office (10-110, x3-8201).

Other Locations Obtain a copy of the Campus Activities Procedural Handbook for more room listings.

1. *Departmental Lounges*: Many of the larger departments have carpeted lounges appropriate for meetings. They may be reserved through the departmental headquarters and are usually hidden somewhere nearby.

2. *Classrooms* are also available for use when classes are not scheduled. They are scheduled through the Schedules Office (E19-338, x3-4788).

3. *DuPont Gymnasium*, *Briggs Field*, and *Rockwell Cage* are available but very hard to obtain. Activities must yield to Physical Education classes, varsity and club sports, and intramural events. Arrangements can be made by calling x3-4916.

4. Most dormitories have a room that is fairly large, often with kitchen facilities. It is

possible to rent these rooms at a nominal cost. For more information call the dormitory's desk.

Special Events For information on planning concerts, dances, mixers, and the like, contact the Undergraduate Association Office (W20-401, x3-2696), the Dean of Student Activities (W20-500, x3-7974), or the Partyline (x3-3942). You will need to arrange for a CP and an entertainment license if your event will have alcohol, money, or more than 100 people, so start planning early.

Office of Minority Education

Room 7-143; x3-5010; Dean Patricia Kaurouma

The OME actively pursues the building of a more effective undergraduate academic support structure throughout the Institute for all undergraduates, with a special concern for underrepresented minority students. Programs and activities generated by the office are based on a commitment to have all students fully engage the educational opportunities within the Institute. The specific programs and resources are offered to maximize the opportunities for underrepresented minority groups, and to educate the MIT community toward that end. In addition to programs, the office conducts research on the retention and adjustment of minority students, in order to bring new insights to areas of concern for all students.

Project Interphase is a summer academic orientation program which provides an opportunity for incoming underrepresented minority students to learn about the Institute and its resources prior to the fall term. Project Interphase has several objectives: (1) to assist freshmen in developing and sharpening their knowledge of and faculty with those quantitative skills and verbal concepts that are essential for successful academic performance at MIT, (2) to encourage individual development of study habits and discipline for a smooth transition into the first year, and (3) to introduce students to MIT, its support services, and the surrounding community under conditions somewhat moderated from those which characterize the fall and spring semesters. The program includes eight weeks of chemistry, humanities, math, and physics courses, as well as a comprehensive review of all the academic programs and options open to freshmen.

The OME *Tutorial Services* was founded by members of the Black Student Union. Although now administered by the OME, it is still coordinated by students. It is open to all students, but is especially intended to augment the academic assistance minority students receive from the departments, to enhance their success at MIT.

Tutors in the program and OME staff work with the departments to offer the best resources to students through this evening program. The staff is composed of undergraduate and graduate students who are hired for their expertise in particular courses and their commitment to the academic success of undergraduates. The Program operates in Room 12-124, Sunday through Thursday nights, 8:30--11, and is open for additional hours during exam periods and by special request.

A *Seminar Series* called XL introduces students to the academic and non-academic resources within the MIT community. The seminars serve to: (1) promote an effective undergraduate experience, (2) provide valuable contacts and

resources, and (3) explore post-baccalaureate and professional pathways. Check with the OME about new programs.

Finally, OME conducts research on the retention and adjustment of minority students in order to learn more about the variables and conditions in the environment which influence their matriculation at MIT. Studies are also conducted with other departments and offices within the Institute to address different facets of students' adjustment, such as the use of Institute resources.

Psychiatrists

The Institute psychiatrists (E23-376, x3-2916) are good people to talk with. Whether you have problems (*any* problems), opinions on some subject, an idea you want to run up a flagpole or just want to see what makes them tick, invite one to your living group for a dinner or go see them.

There are about eighteen doctors on the staff, and as with the deans, it's OK to ask for a particular clinician if you know him or her. The wait on a visit is generally one week from the time you make the appointment. If you really need to talk to someone immediately, you can find a psychiatrist to see you on the same day you call, but you must make it clear to the receptionist that you need to see someone right away. Alternatively, you can see the therapist, without an appointment, any week day. Just come to the Psychiatry Service on the third floor of E23 between 9 and 5 any weekday.

Most of the people who consult the psychiatric staff are psychologically indistinguishable from the general MIT population, and can *in no way* be classified as sick or disturbed. If some problem is bothering you, even if it is identical with those that everyone else faces, don't hesitate to visit the psychiatric service. They can keep small difficulties from becoming larger or merely facilitate the solving of problems you could have solved yourself.

Psychiatric records are kept separate from all others, including regular Medical Department records. The psychiatrist *cannot* legally discuss you with anyone outside the staff unless you sign a release; even then you can specify the type of information to be released. The system is designed to maintain confidentiality. Only the psychiatric staff can use them; not Charles Vest, not the FBI, not the CIA, not *anybody* else. This system protects patient and doctor alike.

If for any reason you don't hit it off with one psychiatrist, feel free to contact another. You can switch without apology or explanation. Nobody will ask any questions.

A psychiatrist is on call 24 hours a day through the MIT Medical Department (Building E23, x3-1311 or x3-4481). See **Emergency Information**.

If the MIT Psychiatry Department does not fit your needs, they can provide you with a list of off-campus possibilities covering a range of cost options. (If you have the MIT Student Health Insurance, it will cover at least part of the cost of seeing a therapist.)

Religious Counselors

Religious Counselors are warm and friendly people who can help you view your problems from a different angle. A number of faiths maintain full-time clergymen on campus at the Religious Counselors' building (W2a, 312 Memorial Dr.) Adherents to other faiths can usually find clergy in the Boston area, but they should also feel free to talk to any of the people listed below. See *Religion* in the *Activities* chapter for more information.

The following religious groups maintain clergy on campus:

Baptist	Betsy Draper	x3-2328
Christian Science (part-time)	Reita Donaldson	x3-2327
Episcopalian	Scott Paradise	x3-2983
Jewish (part-time)	Joshua Plaut	x3-2982
Lutheran (part-time)	Susan Thomas	x3-2325
Orthodox Christian	Fr. Alexis Kouri	547-1234
Roman Catholic	Bernard Campbell	x3-2981
Vedanta Society (part-time)	Swami Sarvagatanda	x3-2327

Nightline x3-8800

Nightline is the main student-run help service on campus. It operates every night during the school year from 7 PM-7 AM. You can call Nightline at **253-8800**.

Nightline is both a counseling and an information service. If you're having problems with academics or your roommate; if you need information concerning birth control or drop date; or if you just need someone to talk to, give a call or visit. *All phone calls and visits to Nightline are strictly confidential.*

Nightline is staffed exclusively by MIT students; each night there will be at least one female and one male staffer on duty. The staff members are volunteers, and *they are not* professionals - thus, Nightline is not a substitute for other counseling services on campus but rather a supplementary service for students who may need someone to talk with when these other outlets are inaccessible or inappropriate. Whatever your problem, however, Nightline can direct you to the right professionals to talk to.

If you feel that you might be interested in becoming one of the Nightline staff, give them a call.

Contact Line x3-6460

Contact Line is a peer counseling and information hotline focusing on issues of sexuality. There is one female and one male staff person available during the calling hours. Contact Line is open from 8pm to 12am Sunday through Wednesday during the fall and spring semesters.

Contact Line is staffed by student volunteers. While they are not professionals, Contact Line staffers have gone through counseling and support training, and have familiarity with resources available through MIT or in the Boston/Cambridge area. The staff of Contact Line is there to help and can give referrals if it's appropriate.

Sexuality can be a complex issue whether you are lesbian, straight, gay or bisexual, unsure or a combination. If you want to talk about getting harassed or the

HowToGAMIT XXVII

feelings about a first experience, information about birth control or what support groups there are for gay Catholics, or anything that is on your mind, Contact Line is a resource. In addition to phone services, Contact Line provides a Drop-In night where callees can feel free to come in a talk, look through their library or just hang out in a safe space. The exact night can change each semester, call for details. All phone calls and visits are confidential.

Other Resources

In addition to the services mentioned in this chapter, don't overlook your personal resources - graduate residents or housemasters in your living group (that's what they're paid for!), friends, a coach or professor you trust. People are usually a lot more willing to listen than you might imagine - many of them may have been through the same thing.

Also, the secretaries in many of the offices around the Institute know a tremendous amount about MIT. By speaking with one of them first, you will probably save yourself a lot of running around.

Self-Help

The MIT lifestyle can be incredibly stressful, and it's easy to be overwhelmed sometimes. Often when you are struggling with a worry or difficulty, you may feel it is too trivial to talk it over with one of the people mentioned in this chapter. Although none of the counseling resources mentioned will consider *any* problem too trivial to talk with them about, sometimes it can still be difficult to make that first phone call or appointment.

It's important to know that when a problem is probably serious enough, you can talk with someone about it and not just wrestle with it on your own. As a general rule, the time to consider seeking help is when (or before!) your problem is beginning to interfere with everyday functioning. Are you skipping classes and having serious trouble concentrating? Has there been a big change in your eating or sleeping patterns? Are you feeling so low or down that you're having trouble getting out of bed in the morning, or finding it difficult to get excited about activities or accomplishments you used to find stimulating? If any of these things sound like you, *talk to someone*. You may not be able to handle the problem on your own. In any case you would probably feel a great deal better if you could just share the burden with someone. Reach out before things get any worse.

However, if you're the type of person who would feel better trying to work things out on your own (or while you're struggling with the decision of whom to turn to), the following suggestions may help:

1. Try taking a mini-vacation from MIT: a bus trip out to Wellesley, an afternoon at the Aquarium or a museum, a weekend away if you can manage it. (A list of museums and such is in the *Sightseeing* chapter.) If you're under a lot of stress, your first reaction to time off is probably “I can't afford the time!” But sometimes you can't afford *not* to. If you return refreshed, you may get more work done in the long run. If you can't *physically* get away, try letting yourself do something for fun that you've been putting off for a while. Read a book that's not related to your work,

or really *enjoy* one of the magazines that have been piling on your desk. Hang a "do not disturb" sign on your door and take a nap. Buy all the ingredients for a favorite dish and cook it for yourself. In other words, punt.

2. Try to exercise. If you're feeling down, it can be really hard to motivate yourself, but it can work wonders. Run, dance, swim, ride a bike into nowhere.

3. Make a list of ten good things about yourself. Force yourself to put ten things down, even if it's "I had perfect attendance in eighth grade" or "My eyes are a nice shade of brown." For one week, add three more things to the list every night before you go to bed.

4. Try starting a journal. Write things in it that you've can't tell anyone. Start as many sentences as you can with "I feel..." Make a point to write in it every couple of days. Then go back and reread it often; you may be surprised.

5. Do something nice for someone else. Write to a past high school or MIT instructor and tell them how much their class meant to you. Send someone you love flowers or a nice card for no special reason. Cut a clipping from the newspaper that you think would be of interest to someone you haven't seen in a while and drop it to them in the mail. Buy a friend's favorite flavor of ice cream and hide it in their freezer with a note. Give a friend a compliment. If it feels good, consider doing some kind of volunteer work. Be a Big Brother or Sister or help out a shelter for homeless people. There are also many service organizations on campus that would be happy to have another person helping with their projects. Consult the Public Service Center in 3-123 at x3-0742.

6. Talk to a friend you trust. Ask an upperclassman (or underclassman!) if they've ever confronted a similar problem and how they handled it. You'd be surprised what others have gone through.

7. Buy a joke book. Read out of it every day until you get one good belly laugh. Before the next day's reading, tell the joke that made you crack up to someone else.

8. Do something childish once in awhile. Find a playground and swing on a swing. Go shopping in a toy store. Visit the Children's Museum. Buy a box of 64 crayons and a pad of white paper. Use them. Blow soap bubbles. Skip down Mass. Ave. while singing.

9. Spend some time thinking about the long-term priorities of your life. Try to get a little closer to deciding what you want to be and what you want to accomplish with your living. Buy a copy of R. N. Bolles' *What Color Is Your Parachute?*; or talk with your friends or someone in the Career Services and Preprofessional Advising (12-170, x3-4733) about your strengths. Try to include some of the things that will move you closer to your long-range goals in your life.

The sooner that your difficulty is intercepted, the less damage it will to your social and academic life - and your mental health. If none of these suggestions really seems to help, consider turning to one of the other resources in this chapter.

Social Workers

There are four social workers in residence (E23-344, x3-4911), who are good at mobilizing and integrating the resources available for solving various personal and family problems. They can suggest and contact agencies that may be needed. They can also help with substance abuse problems. They specialize in helping foreign students (and their families) adjust to living in the United States.

Drugs

Although many people do go through MIT without being exposed to it, there is some drug activity at MIT, and for some people this will be the first contact with it. If you have a problem within your living group, see someone in confidential authority there, like a graduate resident. Often a word or two in the right ear will solve the problem. By all means, if the problem persists, go through official channels - both the Campus Police and the Dean's Office can help without causing problems.

If your interest is more speculative, three words of advice:

1. “Just Say No” is more than a trite slogan. Make sure you know exactly what you're doing, and don't try anything just because “everyone else is doing it.”
2. *Don't* assume the Campus Police will protect you from the Cambridge authorities. Contrary to common opinion, there is no “buffer zone” between students and the outside world.
3. Don't force anything. See what the scene is like before getting involved.

On a personal level, the Dean's Office (5-106, x3-4861) offers confidential drug counseling. To supplement its services, the Science Library maintains technical reports on drug safety while the Campus Police (W31, x3-1212) is always available to answer legal questions. *Straight Talk About Drugs on Campus* is available from Campus Police. You can also consult the Psychiatric Service (x3-2916).

Adverse Reactions In an emergency, call the Medical Department's Urgent Care Line at x3-1311 - the psychiatrist on call will go over if possible. Campus Police will also provide help (restraint, transportation, reassurance) if called. The Dean-on-Call (reached through the Campus Police) or Nightline are other resources if you just need to talk. *In any case, make sure the person in trouble is never left alone - being so may cost his or her life.* For most cases, overnight care may be given at the Inpatient Unit without formal hospitalization.

Addiction Don't worry about legal penalties; the addiction is penalty enough. See someone in the Dean's Office, Psychiatry, or Internal Medicine, and break the habit. Remember that psychiatric records are completely confidential.

Awareness Drug Education Information is available through the Health Education Service (E23-205, x3-1316). Books, pamphlets, and other various materials are available to students as well as a list of local area resources.

Sex

One of the best sources of written information is *The New Our Bodies, Ourselves*, available at almost any bookstore. The cover says that it is “written by and for women,” but it is recommended for everyone. Also, the Medical Department has

several pamphlets dealing with special topics. Stop by and browse (E23-205). Members of the Psychiatric Service also have experience as sexual counselors (x3-2916).

Don't rush to have sex just because you're now at college. There can be a lot of pressure, especially if "everyone" in your living group is sexually active. If you're not sure, you're probably not ready. Nightline (x3-8800) and the Contact Line (x3-6460) can help you think things through, as well as offer advice on birth control and protection from sexually-transmitted diseases.

Pregnancy If you have even the slightest suspicion that you are pregnant, get a pregnancy test immediately. (Pregnancy tests are free from the MIT Medical Department and many Boston clinics.) Prompt action will save you lots of trouble later. If you decide on an abortion, the procedure is safer and cheaper earlier; if you decide to carry to term, early care will help your child later. *You gain nothing from just worrying.* Call the MIT Medical Department or a clinic (see the Yellow Pages) and refer to *The New Our Bodies, Ourselves* for further information.

If you are pregnant, you still have options. You can choose to keep the child, put it in foster care (e.g., with a relative until you are out of school), give the child up for adoption, or have an abortion.

Abortion Abortion is a procedure which terminates pregnancy. If done during the first trimester, the actual procedure is very brief and can be performed as an outpatient procedure.

Never opt for an illegal abortion. The Medical Department's Obstetrics/Gynecology Service (x3-1315) offers completely confidential counseling and referrals. The Member Services Office (x3-5979) can tell you about health insurance coverage. The social workers at Planned Parenthood (99 Bishop Allen Drive, Cambridge, 492-0518) can also direct you to good legal abortion centers.

Birth Control Anybody connected with MIT can obtain contraceptive information and prescriptions from the Medical Department regardless of age or marital status. As always, such matters are confidential between the patient and the physician.

The Dean's office recently started a program of distributing condoms in dormitories. Dispensers may be located in bathrooms or stairwells; your graduate resident should be able to offer specifics.

The Women's Health Education Network Contraceptive Roadshow is available for presentation to interested student groups. Call the Medical Department's Health Education Service (x3-1316) for more information.

Sexually Transmitted Diseases Sexually transmitted diseases (STD's) are at or near epidemic levels throughout the US. The most dangerous STD is AIDS, Acquired Immune Deficiency Syndrome. This deadly virus is transmitted only by the exchange of body fluids, such as blood or semen. There is *no known cure* for the disease, but it is possible to reduce the risk of developing it by practicing "safer sex" (use a condom) and limiting the number of sexual partners you have. Groups *HowToGAMIT XXVII*

with a particularly high risk of contracting the virus are intravenous drug users and people who have had unprotected sex. If you suspect that you may have AIDS, or have been exposed to it, you can see an internist at the Medical Department. Testing for HIV infection is done confidentially at MIT, at no charge; the results are *not* placed in your medical record. You can also get a confidential screening for the HIV antibody at Mass. General (726-2748) or the Fenway Community Health Center (267-7573). For more information, call the AIDS Hotline (1-800-235-2331), or the AIDS Action Line (536-7736). The Med Department can also help, of course, with examinations and information.

Most other STDs are curable *if treated early*. If you suspect you have one, contact the Medical Department and get checked; lab tests are quick and accurate. If you do have one, tell *all* of your partners and have them tested. Remember, STD's are often without early symptoms in the female though they can have serious consequences for both sexes years later.

Counseling Planned Parenthood, physicians, psychiatrists, social workers, and a clinical sociologist as well as clinics, religious counselors, and social service groups can be useful for helping you make your decisions about sexual activity. MIT has four social workers in residence (see *Social Workers*). The social workers and the Dean's Office can be particularly helpful in dealing with monetary problems.

Rape

Go immediately to a safe location and call the Campus Police (253-1212, or 100 from any Institute phone) or a friend for transportation to a medical facility. The Campus Police have 3 female officers trained in rape crisis available at all times - just ask. Beth Israel Hospital Rape Crisis Center (735-4645) is an excellent facility for dealing with these delicate cases. It is important to go to a hospital for treatment of injuries and tests for STDs and pregnancy. Hospitals do not routinely report the crime of rape to the police. Reporting is your choice and your responsibility.

If you are going to press charges, it is important *not* to wash, change clothing, or straighten up anything before calling the police or going to the hospital. If you decide not to go to the police immediately, write down everything about the assault you can remember. Keep these details in case you change your mind.

Date Rape If your date forces you to have sex against your will, it is rape. Whether or not you agreed to go to his room, or whether you had anything to drink, “no” means “no.”

Missing Persons

If you can't find someone, call the UESA (x3-4861) or Campus Police (x3-2997) and the Senior Faculty Resident of your dorm if you live in one. Be prepared to supply all the resident information on the missing person. Don't call the person's home unless it's absolutely necessary. The Dean's Office will handle it.

Harassment

“Some of the people in my dorm refuse to stop making crude and tasteless racial jokes in my presence. They recently pulled a few hacks which embarrassed and

humiliated me. I am fed up with their brand of humor!"

"One of my professors propositioned me. Even though I told him that I'm not interested, he keeps hinting around that it might make a difference in my grade."

"I make no secret of my homosexual preferences, and I don't try to impose my beliefs on others. However, my frankness has made me the target of all kinds of abuse and insults. I've had to move out of my dorm..."

If you are being unreasonably bothered by any person or group of people, *tell someone*. You do not have to just suffer silently and put up with or ignore such behavior. The Institute has a very strict policy on harassment, which is defined as "verbal or physical conduct which has the intent or effect of unreasonably interfering with an individual's educational and/or work performance at MIT, or creating an intimidating, hostile or offensive educational or work environment on or off campus." The *intent* and *effect* are both important because if someone is hurting you, even if they don't mean to, they should be made aware of it and stopped.

If you can't get the offensive behavior to stop on your own, *speak with someone at the Institute about it*. In addition to any of the resources mentioned in the *Counseling* section of this chapter, you might like to talk to one of the Special Assistants to the President: Mary Rowe (Room 10-213, x3-5921) or Clarence Williams (3-221, x3-5446) who are great to talk to and will take your problem very seriously.

If you would like more information before you talk to someone, pick up the brochures *Tell Someone* and *You Can Make A Difference* (available from the UAAO, room 7-104), or look up *harassment* in the index of the MIT Course Catalog.

Prejudice If you feel mistreated in any way for reasons of racial, ethnic, or sexual bias, speak to the deans (5-106, x3-4861). If you feel you have been the victim of discrimination in employment or other opportunities, take your complaint to the Equal Opportunity Committee (Patricia Bell-Scott, 7-203, x3-4516).

MIT has an Affirmative Action Plan presenting the Institute's objectives and procedures for ensuring equal opportunity for minorities and women in employment (both) and in letting contracts. Copies of this plan are on file in the Information Center (7-121, x3-4795), in the various Personnel Offices, in the Office of Minority Affairs (Clarence Williams, 10-211, x3-5446), and in the Office Women and Work (Mary Rowe, 10-213, x3-5921).

Massachusetts also maintains an agency to deal with cases of suspected discrimination, the Massachusetts Commission Against Discrimination (120 Tremont St., Boston, 727-3990).

Nighttime Safety

MIT is an urban school!

There have been cases of armed robbery, rape, and assault on campus. Some years ago, two MIT students hitchhiking on the Harvard Bridge were robbed. One was brutally murdered while the other was "luckier" - he was only in critical

HowToGAMIT XXVII

condition for several weeks. More recently, there have been many muggings in the Main Street/Kendall Square area and along Memorial Drive. Don't ever carry large sums of money alone, especially after dark. Avoid unlit or isolated areas such as Briggs Field or even the parking garages. On returning to campus from outlying communities, give some thought to well-lit routes. Wherever you go after dark, try to have a few friends with you if possible. The Campus Police will escort late working students and employees from main buildings to dorms or parking lots at night, if requested (x3-2997). They run the *SafeRide* van every night until 3 AM, and will send a police car for you until the morning. When in doubt, *call them*. It's not worth the risk. The Campus Police have a wide variety of crime prevention and safety information available from their Crime Prevention Unit. Stop by anytime.

Women's Resources

Since males outnumber females at MIT, women here may have different experiences and problems than they would in other places. All services that are open for males are also available for women; in addition, a few activities and services especially for women are available.

The Margaret Cheney Room (3-310, x3-4880) is a suite of rooms especially set aside for female students. It has a grand piano, complete kitchen equipment, beds, study areas, and showers. It serves as a meeting place for women's activities and women in general. The combination is available from SAS (5-106) to all currently-registered female MIT students. Locker space is also available from the same office. Various women's groups use the Cheney Room for their meetings and social gatherings. In order to reserve the rooms for such activities, call x3-4861.

If you are female and have a problem (medical, social, academic, psychological), all the counseling and medical services of the Institute are open to you. However, if you prefer counseling or treatment by a female, you can get it. One person you can talk to is Lynn Roberson in the Student Affairs Office; others are Mary Rowe in the President's Office and Jackie Simonis in the SAS. Be warned of “women prejudiced against women;” it does happen sometimes.

MIT Medical has twenty five women doctors with training in various specialties including internal medicine, dermatology, and obstetrics/gynecology. Gynecology is covered by MIT Students' Medical Insurance. Birth control advice and contraceptives are available on a confidential basis to those who want them. For more information call the Medical Department. They will also provide referrals for abortions.

If you should find yourself discriminated against because of your sex, (or any other reason), notify Mary Rowe (10-213, x3-5921), Special Assistant to the President, who is specifically concerned with the quality of life for all women (and men) connected with MIT.

Women's groups at MIT include:

Association of MIT Alumnae (x3-8233) AMITA serves as an organization through which current students may meet with alumnae to discuss careers, chat

informally, etc. AMITA may be contacted through the Alumni Association.

Association for Women Students (W20-447) AWS is run by students. The projects it undertakes are determined by the members and can include finding speakers, giving support to the women's sports program, serving as an information resource, and possibly founding a Women's Center at MIT.

Minority Women's Programs (5-106; x3-4861) Lynn Roberson, Staff Assistant for Women Students, can give you more information. Although there are a variety of resources available to women students at MIT, minority women's interests and concerns can be specifically addressed via support groups, activities, and programs. At present, minority women are active in planning programs of interest to them. If you are interested in becoming involved, your presence would be most welcome.

Pro-Femina (W20-447, x3-8898) Pro-Femina is a feminist group that does activist work on and around the MIT campus. They write a newspaper, sponsor speakers and slide shows, and hold rallies.

Society of Women Engineers (W20-447; x3-2096) SWE is an international organization of engineers and scientists dedicated to supporting the professional interests of women. The MIT SWE section supports the objectives of the national organization with career guidance, professional development, and friendly support. They are a social and personnel support group as well as for women of all disciplines.

Tech Community Women TCW (formerly Technology Wives Organization) is an organization which welcomes into membership women who are wives of students or of employees as well as single women who are MIT students or employees. The purpose of the organization is that of welcoming women into the MIT community and helping them to feel at home here. The activities, which provide social fellowship and promote the broadening of members' interests, are publicized each month in the TCW newsletter, *New Directions*.

The Wives' Group is a support and self-help program sponsored by MIT Medical for American and international wives of students, staff, faculty, and visiting scientists. It helps members develop a social network and make connections with other women and resources to find jobs, further education, do volunteer work, or develop careers. For more information call Dr. Charlotte Schwartz (x3-1614) or come to E23-376 to speak with the Wive's Group secretary.

Women's Advisory Group is a committee of representatives of women's groups at MIT which serves as a lobbying group for improvements or decisions affecting MIT women. Representatives are chosen by women's groups. For more information contact Mary Rowe (10-215, x3-5921).

Women's Athletic Council consists of representatives from each women's team at MIT and exists to further the development of athletic programs and facilities for women. (MIT has an extensive women's athletic program. There are varsity basketball, fencing, gymnastics, softball, swimming, sailing, tennis, volleyball, and

crew teams as well as synchronized swimming, rugby, lacrosse, and cheerleading clubs.)

MIT Women's Conference of the IFC addresses the concerns of the groups which (1) have memberships in the MIT Inter-Fraternity Council, and (2) have members who are women. For information, call Lynn Robertson at x3-4861.

Women's Forum members include all women at MIT. They meet at noon on the first and third Mondays of the month to discuss a wide variety of topics and offer a good opportunity for faculty, employees, spouses, and students to get together. They have a mailbox in E19-341.

MIT Women's League includes all wives of faculty, administrative and research staff and all female staff members. They have a meeting room (Emma Rogers Room, 10-340) and an adjoining office (10-342, x3-3656). In addition to having special programs, members are involved in a number of projects that benefit the community at large (e.g., furniture exchange, English classes for foreign wives, Christmas Convocation, TCA-Red Cross Blood Drives, Seminar Series, and the Newcomer Welcoming Committee).

Off-campus women's organizations include:

Boston Women's Collective, Inc. (490 Beacon St., Boston, 542-5955) is a non-profit organization that researches and publishes educational materials.

Boston Women's Health Collective (465 Mt. Auburn, Watertown, 625-0271) has written the book *The New Our Bodies, Ourselves* and has an ongoing interest in health care and services.

Women's Law Collective (Cambridge, 492-5110) is a group of women attorneys who handle private legal matters for free. They also test litigation on problems affecting women. If they accept your case, their services are free.

Sojourner is a feminist journal of the arts for sale in many local bookstores.

Check with the **New Words Bookstore** (Hampshire St., Cambridge) about other local feminist publications, clubs, etc.

Lost and Found

Check the Student Center Office (W20-500, x3-2901) for items lost in the Center, Kresge, or the Chapel. Around dorms, check the desk. After two weeks everything is sent to the master Lost and Found (W31-215, x3-2996). Valuables are held there for at least four months, and other things (e.g., gloves, hats, shoes) for two months. Sets of keys are handled in the same manner as other things.

think for your health

visit the
Health Ed Wellness Center
MIT Medical
2nd floor, E23-205
open 9-5, M-F

free answers, pamphlets,
books to borrow

for more information
or to speak with
a health educator,
call 253-1316

our on-campus lab
gives you

**Faster
Service
Highest
Quality**

MIT 
Optical

Open 9am-6pm, M-F
Stratton Student Center
617-258-LENS

**the tooth
and
nothing but
the tooth:**

**15% off
all services
for MIT students**

MIT students (and spouses with the Health Fee) receive at least 15% off all services at MIT Dental. For appointments call 253-1501 or stop by E23, fifth floor.

mit dental

five essential numbers

24 Hour Urgent Care	253-1311 (voice, TDD)
Internal Medicine and Nurse Practitioner Appointments	253-4481 (voice, TDD)
Psychiatry Service	253-2916
Patient Advocate	253-4976
Student Health Program	253-4371

two important facts

We're always open for urgent care,
24 hours a day, every day in the year

No matter what health insurance
you have, most of our services are
free for registered MIT students

MIT Medical

Medical Resources

MIT Medical Department

The MIT Medical Department, in the Health Services Center (E23), is a multispecialty group practice which employs 23 full-time and 50 part-time physicians as well as other medical professionals. The Department's medical staff provides primary care in internal medicine, surgery, and pediatrics. On campus, the Department also provides most medical specialties: a pharmacy, a full-time optometry service including contact lens services, and diagnostic testing facilities including a laboratory and an x-ray department. A dental service which offers treatment for students and their spouses is available on a fee-for-service basis.

All visits to the Medical Department are by appointment except in emergencies. The regular hours of the Department are from 8:30 AM to 5:00 PM, Monday through Friday, except for holidays. **At all other times, emergency medical care is available through the MIT After Hours Service in E23. Telephone 253-1311 day or night for advice.** House calls are not made, but if someone is too ill to come to the Health Services Center without assistance, notify the Medical Department and they will recommend suitable help, or call Campus Police for a ride.

Services provided by the Medical Department include:

Affiliate Health Program	3-4371	Neurology	3-4460
After-Hours Service	3-4481	Nutrition	3-1546
Allergy	3-4460	Obstetrics/Gynecology	3-1315
Audiology	3-7870	Orthopedics	3-2974
Claims and Member Services	3-5979	Patient Advocate	3-4976
Dental	3-1501	Patient Billing (Empl.)	3-4372
Dermatology	3-4295	Patient Billing (Stud.)	3-4303
Ear, Nose, Throat	3-7870	Pediatrics	3-1505
Executive Director	3-1774	Personal Assistance	3-4911
		Program	
Eye	3-4351	Pharmacy	3-1324
Gastroenterology	3-1681	Podiatry	3-1681
Health Education and	3-1316	Prescription Refill Line	3-0202
Information		(24hrs.)	
Health Screening	3-1777	Psychiatry	3-2916
Hematology/Oncology	3-1681	Pulmonology	3-4355
Inpatient Service	3-5486	Social Work	3-4911
Internal Medicine	3-4481	Student Health Program	3-4371
Laboratory	3-4239	Surgery	3-1302
MIT Optical	8-5367	Urology	3-4356
Medical Director	3-4487	X-Ray/Mammography	3-4905
Medical Records	3-4481		

28 Medical Resources

The quality of care given at the Med Center is fairly high, despite a reputation for "They test you for pregnancy and mono, and if those are both negative they tell you it's nothing." If you are not happy with how you are treated, call the advocate at x3-4976.

A major goal of the Department is to make high quality medical care accessible to the entire MIT community. Members of the student community are assigned a personal physician whom they can consult whenever an illness, problem, or question arises. If the personal physician is not available and the need is urgent, the patient will be seen by another physician, nurse practitioner, or physician's assistant, with subsequent referral if needed. In this way, patients who call or come to the Department for care are seen by a health professional on the same day.

An 18-bed Inpatient Service is operated by the Medical Department for patients who cannot be cared for at home but for whom hospitalization in a general hospital is inappropriate. Children are not admitted to the Inpatient Service but, if necessary, are referred to a nearby hospital offering pediatric care. Patients requiring major surgery or treatment for serious illness are sent to one of the Boston or Cambridge hospitals where their care is usually supervised by one of the Medical Department physicians or surgeons.

The Medical Department has a Health Resource Center located in the Stratton Student Center, W20-547, and in E23-205. The Resource Center offers free information on a variety of topics, including stress management, nutrition, AIDS, alcohol, and drugs. Students may discuss health concerns with a health educator privately either by appointment or during office hours.

Whether a patient will be billed directly for services at the Health Services Center depends on the health program in which the student, affiliate, or employee is enrolled. Most of the Medical Services provided on campus are available to students at no cost. Call patient billing (x3-4303) if you have any questions about charges. The cost of off-campus medical care and hospitalization is extremely high in the Boston area. For this reason, it is extremely important that everyone maintain adequate health insurance. (See Health Insurance, below)

Brochures describing the Medical Department, the Student Health Program, the Affiliate Health Program, and the Traditional and Flexible MIT Health Plans for employees are available in the Member Services Office (E23-191). Your questions or suggestions for improvement within the Department are always welcome and can be directed to any staff member or to the Patient Advocate (x3-4976).

Chief of Student Health, Dr. Mark Goldstein (E23-291, 3-4488), will help resolve medical administrative problems such as housing, diet, or other complaints about the service.

Clinics

Forsyth Dental Center (140 The Fenway, Boston, 262-5200; MBTA: Northeastern). Teaching hospital for Harvard Medical School, providing all types of surgical diagnostic services. Appointment-only outpatient clinic. 24-hour emergency ward. Sponsors ten neighborhood health clinics throughout the
HowToGAMIT XXVII

community.

Children's Hospital (300 Longwood Ave., Boston, 735-6000). Usually accepts patients up to age 21. General medical and surgical inpatient service, and extensive outpatient clinics. Handles everything from dental care to plastic surgery. 24-hour emergency service.

Mass. General Hospital (55 Fruit St., Boston, 726-2000; MBTA: Charles/MGH). Nearest hospital to MIT. General walk-in clinic Monday-Saturday, most clinics by appointment. Regular hospital facilities. 24-hour emergency care.

Mount Auburn Hospital (330 Mt. Auburn St., Cambridge, 492-3500). General services, outpatient clinics, walk-ins accepted; 24-hour emergency, specialists on call.

Health Insurance

Along with the student health plan, students must purchase MIT insurance for outside hospitalization if not already covered by non-MIT insurance. Insurance coverage is also available for spouses and children of MIT students.

If you are trying to decide whether to buy the hospitalization insurance offered by MIT to supplement your family's policy, compare the benefits offered by both. The director of the MIT Medical Department, Dr. Arnold Weinberg, considers the MIT insurance the *minimum* you should have to meet the Massachusetts regulations and to cover the medical expenses reasonably expected. Questions regarding any facet of medical insurance can be directed to the Student Health Insurance Office of the Medical Department (E23-308, x3-4371).

Faculty, staff, employees, and their families may be eligible for either the Traditional or Flexible MIT Health Plan. Both are a prepaid comprehensive programs of medical care. Medical services for the MIT Health Plans are provided by the MIT Medical Department. Outside hospitalization, apart from emergency care, is provided at the Mt. Auburn and Cambridge Hospitals; hospitalization for obstetric and gynecological reasons is provided at the Brigham and Women's Hospital, and for pediatrics at the Children's Hospital. If you are interested, you should call the MIT Health Plans Office at (E23-308, x3-1322).

Other faculty, staff, and employee benefits should be discussed with the Employee Benefits Office (E19-434, x3-4271).

Pediatric Services

The Medical Department's Pediatric Service (x3-1505), staffed by five pediatricians and a pediatric nurse practitioner, is available to the children of the students, faculty, staff, and employees. Some visits are covered by health insurance or an optional Child Health Fee, and some visits are on a fee-for-service basis. See the chapter on *Medical resources* for more details.

Law

There are two basic sections in this chapter, Institute Law and Outside Law. On campus, one must deal with student committees, the campus police, the Dean's Office, and various official MIT administrative groups. Each has its own area and purpose. Outside, one is at the mercy of many levels of government and law enforcement.

Institute Law

At present, the Institute functions under a system of common law. Theft, careless risk of causing harm to persons and misuse of Institute property are as unacceptable as in any other community. Willful harm to persons (see *Harassment*) or destruction of property is a very serious offense. If you are interested in making a complaint against someone, there are several kinds of disciplinary actions which can be taken, as outlined below. A copy of the Departmental Guidelines Relating to Academic Honesty is available from the UESA. Cheating on tests and plagiarism are considered major offenses. Lesser "gray" areas include working together on problem sets or reviewing previous years' assignments. Several years ago a number of students in 1.00 were flunked for copying problem sets. On the other hand, many professors encourage *collaboration*, as long as each student writes up his or her own solution. Make sure you understand the policy of each professor. All cases of academic dishonesty are initially handled by the professor and student(s) involved. Complications that make the dispute too involved for this form of mediation are referred to the faculty member's department or the UESA. Standard penalties are grade reduction, extra or replacement assignments, or a faculty warning letter that is kept in a confidential file at UESA. (Your advisor may not even be informed of this letter.) It may be used against you if further offenses occur. The most extreme cases are brought up before the Committee on Discipline (see below).

Campus Police

W31-215; Emergency: 100; x3-1212, x3-2997

Campus Police policy is to keep peace and not necessarily to make sure that evil gets punished. They can be consulted unofficially. If you get in trouble either on campus or off, give the Campus Police a call. They provide informal legal advice to students who are arrested, and will contact Institute (or other) lawyers if you need them.

The Committee on Discipline

The Committee on Discipline (composed of both faculty members and students) is the main body at MIT that deals with the Institute law. It handles complaints against students from faculty members, MIT employees, and other students. No person making a complaint against another may sit on the Committee. The procedures of the Committee on Discipline are given in the "Statement of Disciplinary Committee Procedures" available from the Dean's Office.

The sanctions available to the Committee include a reprimand, probation (with or

without notation on the student's record) and suspension or expulsion in extreme cases. Suspension and expulsion require the approval of the President.

Every effort is made to protect the rights of both the student accused and of the parties bringing the complaint.

Upon implementation, the COD may choose to notify interested persons of a decision and whether any information will appear on the student's transcript.

Notes for the Accused: You'll be notified by the Dean's Office telling you of what you're accused and by whom. You should consult the Dean's Office, which will tell you to find a counselor and inform you of the procedure. You can also contact any member of the Committee on Discipline directly.

MIT's *Policies and Procedures* states, "If a student's infraction involves him or her both in Institute judicial proceedings and in court proceedings, and if an Institute decision might prejudice his or her court case, the Institute will usually hold its decision in abeyance until after the court proceedings have reached a conclusive point."

Judicial Committees

Most of the living groups have a house judicial committee known as JudComm. This group generally deals with disputes or complaints among the residents of a living group. The Interfraternity Conference (IFC) has a JudComm to deal with matters of concern among fraternities; and the Dormitory Council itself also has a JudComm. Go to a member of JudComm if you're concerned about a problem in your living group.

Privacy and Files

You have the right to review Institute files about you, except those assembled before November 19, 1974, in which the author has been assured of confidentiality. You also have the right to challenge the contents. The school cannot release information about you to outside people (including parents and employers) without your consent. However, information given to the Information Office for use in publication of the Student Directory can be given out to anyone who asks.

Information in your advisor's file is considered confidential, but is not legally so. Medical records --- physical and mental --- are legally private. Your medical information cannot be shared with your parents, advisors, or others without your consent. Medical records cannot be released without your written consent. HIV test results will not be released without your specific written consent.

The Faculty Committee on Privacy is currently reviewing MIT's policies and is responsible for dealing with violations.

Outside Law

Outside the Institute you have to worry about various government types. You can receive information about city laws from the agency involved, simply by phoning and explaining what you need to know (Cambridge City Hall, 498-9000; Boston City Hall, 725-4000). The Dewey Library at MIT (E53) maintains an up-to-date copy of the state's legal code. You can also inquire about the law by phoning Consumer

Affairs at 727-7780. Their specialties are tenant and consumer problems, but they will refer you to proper agencies to handle any troubles.

Alcohol

It is illegal in Massachusetts for anyone under twenty-one years of age to purchase alcohol, or to receive it from anyone other than a guardian. It is also illegal to falsely represent one's age in order to obtain alcohol. Large fines are imposed by the Commonwealth for violating the above.

Arrest

If you are arrested, call Campus Police (253-1212). In nearly all cases, Campus Police will help the student in seeking release from custody on the student's personal recognizance, on bail, or through arrangements with a bondsman. Don't plead guilty --- just ask for a "continuance." (Campus Police will explain all this and more if you call.)

Automobile Problems

If a policeman picks you up for driving while under the influence of alcohol, it is important to know your rights. If you are at all confused, call the Campus Police (253-1212 or the number on your ID card) to ask for advice. When accused, you have the option of taking a breath test. If you decide not to take the test your license will automatically be revoked for 90 days. If it is your first offense, the Campus Police strongly suggests that you take the test. Even if convicted, the first offender almost always faces the option of going through an alcohol rehabilitation program (which upon completion leaves you without a record) accompanied by a 30-day revocation of license. *Don't ever drive if you've been drinking.*

If an automobile dealer fails to service your car under the terms of its warranty, complain to the Mass. Attorney General (Consumer Protection Division, 727-8400).

False Fire Alarms

Persons turning in false fire alarms from anywhere, including dormitories, are liable for up to a \$500 fine. Several years ago, a fireman was killed answering a false alarm here. *Don't do it.*

Guns

The possession of any type of firearm (including air pistols and air rifles) in Massachusetts is strictly regulated. Failure to have a Firearms Identification Card (FID) or a License to Carry will result in a mandatory one-year imprisonment for the first offense and 5 years for the second. Furthermore, possession of a firearm on the grounds of a college or university without specific authorization from the particular school carries a penalty of \$1000 fine and/or one year imprisonment. *Get those permits immediately!* For details, call the Rangemaster (x3-3296).

Jury Duty

Even if you remain a legal resident of your home state, as an inhabitant of Massachusetts for more than 180 days (which you probably will be) you are eligible to be called for jury duty. This is not all that horrible a thing, since you can postpone it for up to a year (meaning that it doesn't have to interfere with your classes) and since Massachusetts has a "one day/one trial" system.

You show up at 8:30AM to sign in for your day in the jury pool, and they brief you on the process. If they pick you, you serve for the trial (which is typically less than three days) and are done. If you aren't selected to serve on a jury, they'll often let you go home at lunch time.

Legal Problems/Legal Aid

Call the Dean's Office (5-106, x3-4861), or Campus Police (x3-1212). They will either help you directly or refer you to the appropriate people. Greater Boston Legal Aid Services (357-5757) will help you get in contact with the right people to help you. Conversation with the Dean's Office is confidential.

Patents and Copyrights

If you think you have a patentable invention/discovery, contact the Patent, Copyright & Licensing Office (E19-722, x3-6966) for information on the Institute's policies and procedures and the requirements and regulations of the US Patent & Trademark Office. This office will also provide information on the laws and procedures for copyright, including policies with respect to student theses.

Regarding the idea itself, you should talk with someone in your field (the Patent Administration Office can recommend someone) about the possible existence of previous patents similar to yours. The whole procedure is extremely complex, but the rewards of having a patent of your own make a preliminary investigation worthwhile.

Notaries Public

Check with the Information Office (7-121, x3-4795) or the Institute Directory for a current list of notaries at MIT. If you have a BayBank account, you can go to the bank in the Student Center; outside MIT, your bank should provide a notary public free of charge.

Voting

To register, go to the Election Commission of the city where you live: Cambridge Election Commission, 362 Green St., one block west of Central Square (498-9058); Boston City Hall, Government Center (725-4000); Brookline Town Hall, 333 Washington St. (232-9000). Also the student government has occasionally sponsored registration drives, particularly on Registration Day; look for announcements.

Academics

This chapter attempts to provide answers to a variety of questions dealing with Institute academics. For more information, use the cross-reference to MIT Publications in the *Publications* chapter. The most helpful publications include the *Class of 2000 Handbook*, the *MIT Course Catalogue*, the *Guide for Undergraduates and Faculty Advisors*, and the *Graduate School Manual*. Entries in this chapter are in alphabetical order.

Advanced Standing

Getting credit for course material you already know is not difficult. For many subjects all that is needed is a passing grade on an Advanced Standing exam; for others, additional work may be required. See the instructor and your advisor for details. Incoming students should contact the Admissions Office (3-108, x3-4791). Tests are offered in February, May, September, and December. You must file a petition with the Registrar three weeks before the exam period begins and get the course instructor's approval. Freshmen are graded pass/no credit; upperclassmen are given letter grades. A freshman failing an exam will not have a fail recorded on the permanent transcript. Advanced standing exam grades are never computed into your cumulative average.

If you are considering advance-placing a course, *don't* register for it --- not even as a listener. Registration in a subject automatically makes you ineligible to take the Advanced Standing exam; this disqualification is independent of whether or not you remained registered or actually did attend classes. If you accidentally do this, a petition will be necessary to resolve the problem.

Grad students seeking advanced-placement credit generally make informal arrangements with the instructor and department rather than take an exam. Most departments allow you to use some subjects taken at other schools to fulfill graduate degree course requirements or the minor requirement.

Advisors

Freshman Advisors can help you with many of your problems during your first year at MIT. Get to know your advisor. Most are faculty, but your advisor may be a staff member or graduate student. Associate Advisors are upperclassmen who have volunteered their time to help advise freshmen in conjunction with freshman advisors. If you're interested in becoming an associate advisor, talk to someone in the UAAO.

All freshmen who designate a major at the end of the first year will then be assigned an advisor in that department. If you know a particular faculty member in your department, you can request him or her as an advisor. Students who do not designate a major before their sophomore year will be assigned a faculty advisor by the Undergraduate Academic Affairs Office (7-104).

Your faculty advisor can be very helpful. Remember: He is your link to your department and to the faculty committees (CAP, etc.). If you are not doing well, his intervention can be very helpful. Keep in touch, especially since many advisors are busy with their own work. It is possible to use your advisor as a rubber-stamp signature on various forms, but you'll have a much better and easier time if you

take the initiative and actually discuss your plans and problems with your advisor on a regular basis. This will also qualify him to write your grad-school recommendations.

Changing Advisors If you're having trouble with your advisor or have met another member of the faculty you would like to have as your advisor, you can change advisors. It is usually not too difficult. Freshmen and undesignated sophomores should talk to the people in the *Undergraduate Academic Affairs Office* (7-104). They are very helpful. Upperclass students with majors should speak to their department undergraduate headquarters.

Co-op, with industry

Most engineering majors have organized cooperative study plans with industry, course VI being the most noteworthy. Check with your advisor or look in the Course Bulletin for details. The tuition differs from the regular tuition in some departments. Check at department headquarters and the Registrar's Office for more information.

Committees

Faculty committees make many decisions on academic policy. Committee membership lists are available in the MIT Directory under "Standing Committees of the Faculty," and can be obtained in 4-237.

1. **Committee on Academic Performance** (CAP) handles most petitions, including those concerning pass/fail, dropping a course after the drop date, and deadlines for finishing incompletes. They also decide whether to place a student on academic probation. (7-104, x3-4164)

2. **Faculty Policy Committee** (FPC) maintains a broad overview of the Institute's academic programs, deals with a wide range of policy issues of concern to the Faculty, and coordinates the work of Faculty committees. (4-237, x3-1706)

3. **Committee on the Undergraduate Program** (CUP) is responsible for encouraging experimental innovation in undergraduate education and formulating proposals for changes in undergraduate educational policy. It exercises oversight responsibility for undergraduate education, including the freshman year and interdepartmental programs, giving special attention to long-term directions. The Committee exercises authority to approve and supervise limited educational experiments. (3-234, x3-1925)

4. **Committee on the Graduate School Policy** (CGSP) is concerned with academic performance, degree candidacies, fellowships, and scholarships, etc. It is composed of students and representatives of the graduate committee from each department and program. See your department representative or the Office of the Dean of the Graduate School (3-138, x3-4860) for more information.

5. **Committee on Curricula** (COC) handles requests for exemptions and substitutions in general Institute requirements. It also handles proposals for changing requirements. (E19-341, x3-4781)

These committees are always looking for potential active student members. Although these committees require a very serious commitment, being on one of them is one of the best ways of leaving your mark on MIT. Student members are nominated by the graduate and undergraduate student governments. For more information call the GSC (x3-2195) or the UA (x3-2692).

Complaints/Suggestions

Your advisor is the first person to turn to. Other natural choices are the department head and other professors within the department. The department's feedback committee, if it exists, can also prove useful. Other resources include the local Course society, the Executive Officer, or even the secretaries at Headquarters. (These last offer information rather than brute-force pull. However, that information may prove invaluable and is unavailable elsewhere.) The UAAO (7-104, x3-6771) has no formal departmental connections but can give good advice.

Cross-Registration

Sometimes a course that you want to take is not offered at MIT. But not to worry -- - cross-registration programs with Harvard and Wellesley open the door to many fields not available at the Institute.

Harvard Cross-registration at Harvard is now open to all MIT students. Freshmen, however, are restricted to foreign language courses not offered at MIT (such as Arabic or Korean). Generally, you cannot take an MIT-equivalent subject at Harvard unless you have a serious schedule conflict between the MIT version of the course and another MIT course. See Bette Davis (14N-408, x3-4443) for Harvard catalog listings and other information. You can also check with the Harvard University Information Center at Holyoke Center in Harvard Square.

Harvard's deadline for registration falls shortly after MIT's registration day, and the calendar is different from MIT's; first term finals are in January, and second term finals are in late May, often after MIT's finals. Be sure you will be around during their finals week. To call Harvard dial x186 + the Harvard extension. Harvard information is x186-5-5000.

Wellesley In the Wellesley Exchange office (7-103, x3-1668) you will find information sheets on cross-registration, bus schedules, Wellesley catalogs, course evaluations by MIT students, and more. Information about the exchange is also posted on the exchange bulletin board near the Admissions Office.

Wellesley classes begin about a week before MIT classes do, so it is important to begin attending Wellesley classes no later than the first week of MIT classes. You must cross-register at Wellesley during the first week of classes. MIT needs you to list the Wellesley subject on your original registration form or fill out an add card.

A free bus service is run between MIT and Wellesley Monday through Friday afternoon. The cross registration bus schedule is based on a combination of MIT and Wellesley class schedules. Be sure to allow enough time for transportation between classes. Note that some Wellesley classes are taught at MIT.

Policies concerning use of Wellesley subjects to meet general Institute and departmental requirements are described on the information sheets. Information about course prerequisites, the meaning of "limited enrollment," or anything else can be gotten from the Wellesley instructor. To call Wellesley dial x187 + the Wellesley extension. For extension information call 253-0320.

For more information see *Wellesley in Colleges Around Boston*.

Degree requirements

See *Graduation and Degrees*.

Domestic Year Away

You can spend a year studying at another college in the United States provided

that certain conditions are met. The school you want to attend must accept you and be of "established merit," and your department must certify that the school has unique resources unavailable at MIT, Wellesley, or Harvard. Your program of study there should involve a workload comparable to MIT's, and its objectives must be consistent with your overall MIT degree program. You won't have to reapply to MIT to get back in.

Financial aid is available for those who would normally be eligible. The Student Financial Aid Office will determine your need at the other school and what your need would have been at MIT and will give you the *smaller* award. You can get more information from the Foreign Study Office (12-170, x3-4733).

End-of-Term Regulations

In a course with a final exam, no written exams may be given for 8 days before finals start. In courses without finals, no more than one written exam of not over one class period (or one and a half hours, whichever is shorter) in length may be given during this time. No term papers are allowed to have due dates during finals week. If your instructor decides to "be nice" and extends a paper's due date to finals week, the extension might disappear if the CAP finds out about it.

It is not uncommon for professors, especially those new to MIT, to be unaware of this policy or to accidentally violate it. (It also happens, but is rare, that a professor will intentionally violate the policy.) If you think there is a problem, first talk to the professor (possibly with other members of the class). If you are not satisfied with the result, call the UAAO (x3-4164) to complain to the chairman of the faculty.

Finals

Final exam schedules come out in midterm, and are available at the UAAO and the Information Center (7-121). If you have conflicting finals, follow the instructions on the Conflict Form on the back of the schedule. (See the section on *End-of-Term Regulations* to see what is permissible during the last week of a class with a final.) Call the UAAO (7-104, x3-6771) if you forgot (or never found out) where your final is supposed to be. The Schedules Office (E19-339, x3-4788) has the most up-to-date information, and they handle conflicts. Often, living groups will have the exam schedule posted around their desk area. If you will be more than 45 minutes late, you must get permission from the SAS (Student Assistance Services) office (5-106, x3-4861) to enter the exam room.

If you cannot take a final at the scheduled time, all is not lost. Undergrads should go to the SAS Office (beforehand if possible) and explain the circumstances which prevent you from taking the exam (a personal visit is strongly preferred to a call). If your reason is accepted, and the instructor has issued an "O" (absent from final or last two weeks of class up to that time), the Dean's Office will issue a grade of OX. It is *your* responsibility to make up that final. If you had been doing failing work throughout much of the term, the instructor still has the right to give you an F instead of an O.

If you are sick, be sure to go to the Medical Department before the exam. If your reason is not accepted, the O remains as such on your record --- it is equivalent to an F and is averaged into your GPA.

A postponed final is normally taken early in the next semester. This means that if you missed a second-term final, you must retain all of your knowledge of the

course through the summer and part of the fall term. So it might be better to take the final on time if you are not too sick. Be realistic about your capabilities though, because if you do badly, it is nearly impossible to have the grade changed.

Graduate students who need to reschedule a final should talk with their instructor. Also, you can check with the Graduate Office (3-138, x3-4860).

If you have a tendency to go to pieces or otherwise fail to perform maximally on finals, talk with your instructor beforehand; afterwards plead for an incomplete.

Foreign Study

If you are interested in studying abroad you should start to plan as soon as possible.

Junior Year Abroad is generally the easiest way to go. Student status and dorm priority are generally unaffected. Financial aid is available as for *Domestic Year Away*. Contact FSO for more information.

The opportunities for foreign graduate study are greater. The Office of Career Services and Preprofessional Advising (12-170) has some reference materials. The Graduate School Office (3-138,x3-4860) also has information on DAAD, Churchill, Fulbright-Hays, Marshall, and other foreign scholarships.

Freshman Troubles

Not everyone's freshman year is a non-stop joyride. You may encounter one or more of the following difficulties:

Advisor problems If you don't like your advisor, you can get a new one at the Undergraduate Academic Affairs Office (7-104, x3-6771). Tell the UAAO people what you want in an advisor. Don't hesitate to request a change if you feel one is necessary. You can change advisors more than once as well. (See *Advisors* above.)

Evaluation forms If they're not at your living group, get them from the UAAO (7-104). If you don't get the completed forms back, bother your instructor. These forms may feel silly, but they give you a good gauge of how you're doing.

Failure (not passing) Don't panic. Normally you will merely have to repeat the course if you want to get credit for it. Pleading sometimes helps. Possibly your evaluation forms did not give you a clear idea of where you stood. Talk to your professor. Remember that freshman failing grades are not recorded on your external transcript (but they might influence the CAP at the end of the term).

Seminar problems If you don't like --- or think you won't do well in --- your freshman advising seminar, you can drop it. However, since most seminars are oversubscribed, give your seminar a chance. You probably won't be able to switch to another. However much these seminars have been advertised as "fun" courses, they are sometimes treated as an indicator of your creativity and research potential; remember that in some departments the weeding-out process for graduate school starts first-term freshman year. Beware that a few "freshman" seminars have, on occasion, assumed background beyond that of the average freshman. (One year, a number-theory seminar assumed substantial familiarity with group theory.) If that's the case, talk to your seminar leader. Probably everyone else is floundering, too.

You can obtain a listing of the seminars for the next term at the Undergraduate Academic Support Office in 7-104 (x3-6771).

Course Problems If you really don't like your professor, go to the undergraduate department office or to the departmental headquarters and explain why you would rather be in another section. Don't use the negative approach; instead, explain why another section would be better for you. If there is only one section, you can drop the course (and wait for next term) or grin and bear it.

If you have any problems at all, whether they concern problem set difficulties or room temperature, talk to the instructor. He wants feedback (in most cases) and will react favorably to the simple fact that you have gotten off your tail and said something --- even if it is critical. Just do things tactfully, and you will be surprised at how well received you'll be.

If that doesn't work, try your advisor or other faculty members in the appropriate department. Go straight to the department head if necessary. Try the deans, especially the UAAO (7-104, 3-6771), and then the counseling staff (5-106, x3-4861); they are all experienced in dealing with classroom complaints.

Don't worry that your comments might be too trivial to waste someone's time with. If something bothers you, it probably bothers other people, too. If you're really unsure, sound out another student, a dean, or a random faculty member and see what happens. Normally, all you have to do is ask.

If your problems involve the course material, you have several paths available to you. Tutorials (if they exist) provide personalized help --- it's best to attend them throughout the term and avoid the crowded cram sessions on the day before the exam. Your TA might also be able to arrange a help session. Faculty and students in your living group may have taken the course in question; they might have old quizzes and homework as well as an understanding of the material. Undergraduate offices also often have facilities to help out. The Office of Minority Education (7-143, x3-5010) offers tutoring for all students.

Schedule Conflicts If you have two or more conflicting subjects scheduled, check with the Schedules Office (E19-338, x3-4788). If you can't get into a different section, you'll have to go to half of the classes in each subject. Dropping one of the courses and waiting until the next term may be the best solution. Discuss the problem with each one of the instructors.

The schedule given on your schedule card is taken from the master list given in your registration booklet. During the first week of classes, many courses will not pay attention to the section assignments and you can simply show up at the most convenient section. However, this is not true for all courses; many have special procedures to change sections. After the first week, you generally need departmental approval to change your section.

Grade Challenging

Problem sets, quizzes, and exams are often marked by TA's or graders. If you have any questions about the accuracy of a mark, ask the grader; if you cannot resolve the problem, talk with the instructor. Normally he will be quite willing to look at your side of it.

If you feel a course grade is unfair, first talk to the instructor, and then, if necessary, to the department head. The CAP is willing to act as an intermediary in case of disagreements but cannot override a department's decision. The instructor must fill out a Special Report Sheet and send it to the Registrar before the grade change

can officially take place. All such changes, including making up I's and OX's, must be done before you get your degree. (An OX is the grade given if you are excused from a final with the dean's office approval --- given, for example, because of illness). (See *Finals* above.)

Graduate Schools

Reasonably thorough collections of graduate school catalogs can be found in the Humanities Library (in 14S) and the Career Planning and Placement Office (12-170, x3-4733). The latter also has independent references on school reputations, financial aid, and degrees awarded. In addition, the office has some applications for the GMAT, LSAT, MCAT and GRE. With regard to the GRE, the Graduate School office (3-138, x3-4860) has application forms and information. Reference copies of test bulletins are kept in the Career Office (12-170). Register to take the GRE's and other such exams spring term your Junior year.

Frank Perkins, Dean of the Graduate School, can be helpful to talk to if you want to come to MIT for graduate study. When applying to grad schools, it's usually best to specify the doctorate under "degree to be studied for." This and other rules of thumb may be gleaned from your advisor and other faculty if you ask for help.

Getting A Recommendation Recommendations may be at least as important as your average. You should have a good working relationship with at least one faculty member and ask for recommendations early. Make sure that you ask people for their approval before using them as a reference. It helps to know that you'll get a good recommendation. (Unlike many people in the "real world," MIT people tend to be brutally honest in their recommendations.)

Admission to MIT Graduate School For some departments (particularly Chemistry and Biology) it will be harder for MIT undergrads to get into MIT than for grads from other institutions of comparable quality. The reason is that departments want to avoid "inbreeding." Consult the department, the Admissions Office, and the Graduate School Manual for more information and help.

It is possible to be admitted as an interdisciplinary graduate student. You still have to find a department that will admit you, but some flexibility is allowed. It will take a lot of talking to get you what you want and at least one professional ally. Don't delay.

Prelaw, Premed, and Educational Counseling The Committee on Preprofessional Advising and Education serves the special needs of students interested in entering the medical, legal, and teaching professions (and related areas in public administration). The Committee itself consists of three advisory councils, one in each field. If you are wondering what it feels like to be a professional in one of these areas, the members of the advisory councils will be glad to tell you.

The Office of Career Services and Preprofessional Advising (12-170, x3-4737) publishes special handbooks for the fields mentioned above. It also provides graduate school catalogs, applications for entrance exams (MCAT, LSAT, etc.), and academic counseling and sponsors seminars given by professionals and representatives of graduate schools. Students interested in teaching should contact the Wellesley Education Department. MIT students can gain teaching certification through Wellesley. See the Exchange Office for details (7-103, x3-

1668).

Graduate cross-registration

MIT has cross registration programs with a number of schools. Most of these programs are very limited (e.g., at Brandeis only course XI grad students may cross register), but don't let these restrictions stop you. Build a good case for yourself, convince your advisor of its merit, and you at least have a chance. With perseverance and careful planning, things can go the way you want them to. More information is available in the Graduate Student Manual and from your registration officer, or from the appropriate coordinator:

<i>School</i>	<i>MIT Coordinator</i>
Harvard	Registrar's Office, E19-339
Wellesley	Wellesley Exchange Office, 7-108, 3-1668
Woods Hole Oceanographic Institution	Biology; Ocean Eng.; Earth, Atmospheric and Planetary Sciences
Brandeis (Social Welfare)	Prof. John Howard, 3-7333, 3-4408
Boston University (African Studies)	Economics and Political Science

Graduation and Degrees

You must submit an application to be a degree candidate in order to graduate. The application is included in your registration material. MIT does not automatically grant your degree as soon as all your requirements have been met. It is possible to graduate with one deficiency if it occurred in a departmental subject for which you were registered in the final term and you made an honest effort to complete the course. Even then, graduation is not automatic. Your department will have to petition the Committee on Academic Performance (CAP) and make a well-informed plea. Double-majors may {it not} graduate with a deficiency.

Before you receive your diploma, all library books must be returned, all keys to rooms and labs must be returned to the Office of the Superintendent of Physical Plant or to the appropriate professor, and all financial matters must be cleared. The Student Accounts office will notify you of the deadline dates for all the formalities.

Prior to graduation, any student employed by the Institute must file a Termination Clearance form with the Payroll Office, with signatures certifying that she has returned all keys, books, supplies, etc. Some labs have their own special termination procedures for teaching assistants.

Two Bachelors Degrees: You must fulfill requirements in two departments while accumulating an additional 90 units (about one year's worth). You may petition the Committee on Curricula (through the Registrar's Office) for a double major only after completing two semesters on grades. They say that you must petition at least two terms before graduating; but they have been known to relax this requirement if you have been making a demonstrable effort towards the second degree. The petition must list the two degrees and the expected graduation date. Consult your advisors in both departments to find out about the deadline for application and to obtain approval of your entire program.

Make sure you contact both departments about your joint thesis if you plan to

present one.

Bachelor's and Master's Degrees: Some departments will award an SB and an SM simultaneously. You must be accepted for graduate study at least one term before the degree is awarded; that requires a petition. Check with your advisor for details. If you want a Bachelor's degree in one department and a Master's in another, you are on your own. Don't worry, though --- it has been done.

Two Master's Degrees: You do not necessarily have to take additional credit units for two Master's degrees. However, there are requirements about splitting up the units between the two departments. You can do a joint thesis for two Master's degrees; a petition must be filed at least two terms before graduation.

Degrees, Interdepartmental Many departments have concentrations which allow much work in another area (II-A, VI-1 Bio option, etc.). Check with your advisor.

Degrees, Unspecified Several courses (I, II, III, IV, VII, IX, X, XII, XIII, XV) sponsor very flexible programs that can be adjusted to suit your personal preferences up to a certain limit. Since all departments have the option of offering unspecified degrees, your advisor or department head can help you set up a program. But remember that you still must fulfill the general Institute requirements, even if they don't seem to fit into your personalized educational program.

How to Get Around Requirements If you want to be exempt from making substitutions for Institute requirements, you have to petition the COC. Getting out of a departmental requirement will require working things out with your advisor and the departmental head. Talk to the people involved before writing your petition. Your advisor and the deans can be of help. Try to find out about policies and precedents, and build up a believable case, which may take a major creative effort in borderline cases.

Don't be afraid to try; the results can be worth it. Petition forms are available from your advisor, the Registrar's Office, the UAAO, and the Information Office. Your petition will be more effective if you justify yourself in two sentences on the petition itself. Items which are petitioned for most frequently are substitutions for humanities and lab requirements. Often other subjects may be substituted for certain requirements in the department. Make sure you have the approval of the instructor in the subject you want to substitute. If your petition is refused, you can appeal to the same committee and

they may change their minds if you are persuasive enough.

IAP

IAP is a unique MIT experience. It is the time in between fall and spring terms --- about four weeks in January. During this time there are many activities, seminars, and yes, even a few accelerated courses. It is a time to explore some of the things which have always interested you but that you haven't had time for. If you have some skill or knowledge that you would like to share with others, you can teach your own course or sponsor your own activity. Past topics taught by professors and students alike include wine tasting, machining, algebraic topology, sightseeing, and a real-time role-playing game. There is no real limit to what you can do.

Information about organization, registration, and funding (it exists!) is available in October from the stacks of forms in Lobby 7 or the IAP office (7-103, x3-1668). If

you have any questions, ask Alice LaPierre, who is very friendly and helpful. The IAP Preview, published in September, contains major activities planned by academic departments, but a complete list of the 600-plus IAP activities is not available until early December in the IAP Guide.

Credit for IAP You are generally limited to twelve units of credit for IAP. Anything else requires a petition to the COC or CGSP. The freshman credit limit does not apply to IAP credit. If you're looking for IAP credit activities, look for listings in the IAP guide that have a big "C" by them.

Incompletes

Incompletes must be completed by the end of the fifth week of the succeeding term, unless the instructor explicitly grants you an extension (which at most extends to the last day of classes of that term). Any further extension requires the approval of the CAP, which is given only in special circumstances (for instance, if the lab equipment you need is not available during the appropriate term). If you withdraw from MIT before making up the incomplete, talk to the CAP about when to make it up; if the incomplete requires scarce MIT equipment, remember that you are not officially allowed to use such equipment when not registered. The CAP encourages readmitted students to make up incompletes.

Incompletes not completed remain Incompletes; they are not computed into your average. *However*, they are often treated by graduate schools as "F"s. Departments and the CAP will consider the number of incompletes in your record if your academic performance is being reviewed.

It is a good idea to ask your professor ahead of time for an Incomplete (but don't ask if you haven't already done two thirds of the course work), explain the reasons for it, and tell him when you plan to finish the subject. (If he is not going to give you an Incomplete, better to know before the term ends.) Many professors will go out of their way to be accommodating, even to the point of calling you up to see if you are still working on the Incomplete; others will screw you to the wall.

Inventing Your Own Course

New courses have been invented in the past. A strong commitment and faculty backing are essential. The Educational Studies Program (ESP, W20-467, x3-4882) provides an organization for teaching Saturday courses to high school students. Starting an IAP course is much easier and can be done through a department or independently. Contact the IAP office (7-103, x3-1668).

Light Load

Regular students planning to register for a light load (fewer than 33 units) must get approval from their advisors and a counseling dean (5-106). If the forms are signed by add date, the CAP will take this into account at its end-of-term meeting and will not take action because of a low registration. There is also the possibility of saving money by paying tuition on a per-unit basis while still being considered a regular student. Taking more than two terms of light load is discouraged and requires a CAP petition.

Listener Status

There are two ways to sit in on a subject: the first is getting permission to sit in on a class and learn informally; the second is registering officially to listen to a class. If

you do register to listen, you will not be allowed to advance-place the course later on. For the summer term, or whenever you pay tuition on a per-unit basis, the listening rates are the same as for regular students' tuition. It is possible to change status to a regular student during the term (up to the add date). See your advisor for the necessary paperwork.

Pass/Fail

Pass/Fail grading is generally available only to freshmen, to students in seminars or UROP programs, and to juniors and seniors exercising their pass-fail option (see below). An instructor may petition the COC to have his/her entire subject made pass/fail but cannot allow individual students to take the course pass/fail unless one of the

above options applies to them.

Freshmen will receive only pass/D/F grading on their grade reports, but their hidden grades from the second term will be sent to their sophomore advisors on a separate sheet. (Be aware that the Math, Physics, and Chemistry departments keep records of how first-term freshmen do on quizzes, problem sets, etc.) Your external transcript will not show "no-record" grades, or D or F.

The junior-senior option allows you to designate two subjects in your last four terms as pass/fail. The subjects cannot be Institute or departmental requirements, but you may take both in the same term. You can change a class to or from pass/fail until add date. Failing grades under junior/senior pass/fail are not recorded (starting with the class of 1994).

Problems

If something is wrong and you can't find adequate help from your advisor, the UAAO, the deans in 5-106 (x3-4891), or anywhere else, go to the psychiatrists (E23-376, x3-2916). These people specialize in helping when you're in trouble.

Registration and Course Selection

The first time you register you will be given registration material by your advisor. After that, you pick it up in Lobby 10 on certain pre-announced dates. Spring term registration forms are given out in early December, fall term forms in early May. If you miss the scheduled dates, you can get the material at the Registrar's Office (E19-335). You *must* return the forms on time, even if the information is incomplete; otherwise, you'll be stuck with a \$20.00 fine. You can always make changes on Registration Day. (If you really have no idea what to sign up for, just register for {it anything} and change it later.)

The Registrar will send you notification of your registration status periodically throughout the term (more-or-less after Reg Day and before and after Add and Drop Dates). Check these carefully and be sure to have them corrected immediately if necessary. Be sure to keep a copy of {it everything} you can whenever you deal with these people, especially end-of-term grade reports. The Registrar's computer has been known to "forget" you registered for a 24-unit lab, etc. Don't count on the experience of others to prepare you for what may come --- this office is also very innovative.

To add or drop a subject before the applicable deadline, submit a correction card ("add/drop card") to the Registrar's Office (E19-335) or the Registrar's Annex

Office (7-108). Cards are available at the Undergraduate Academic Affairs Office (7-104), the Information Office (7-121), and some departmental offices; deans and advisors can sometimes supply them. The card needs your advisor's signature. If you are adding a course after the first week, you also need the instructor's signature. If your advisor is not available, a signature from your department office (or the UAAO for freshmen and undesignated sophomores) may be obtained. A course dropped within the first five weeks of the term will be entirely erased from your records; a drop after five weeks will appear on the internal transcript.

Keep in mind that some faculty members consider a drop after the fifth week to be automatic proof that you were failing the course at the time.

After Drop Date (eleven weeks from the start of the term), you must petition the Committee on Academic Performance if you want to drop a subject. The CAP has outlined adequate reasons for dropping a subject late as unforeseen circumstances beyond the student's control. The fact that you are failing, by itself, is not enough to get you off the hook. As a whole, the committee is very strict about drop date, but exceptions have been made in the past; check with the staff working with the CAP (7-104, x3-4164) to see what your chances are.

If you have an exam on drop date, don't wait until the next week to see your score and then petition to drop the course. If you have an exam the day before drop date, you can often obtain your scores early by calling the professor or a TA for the course. If you're not sure whether to drop or not, visit your professor or recitation instructor during office hours or make an appointment with them. They will tell you whether you should stick with it, get an Incomplete, or drop now while you still can.

Special Projects

If you have an idea you want to work on or something you want to study, it is possible to get Institute backing. You may even be able to get credit or satisfy Institute requirements while doing your own thing. Petitions for fulfillment of Institute requirements go to the COC.

First, dig up an idea. (Example: writing a guidebook for the MIT community; that's how this book got started.) Several established ways of doing so are:

1. Check with the UROP office (20B-141, x3-7306) or check their bulletin board in the main corridor for current research offerings. Although most projects take place on campus, it is also possible to have an off-campus project at hospitals, corporations, non-profit organizations, or government agencies. See the UROP booklet for more ideas and for the rules and regulations regarding project work. Also, see the {it UROP} section of this chapter.
2. Ask at department headquarters/graduate offices for references on current research.
3. Find a professor you want to work with and ask her for project ideas. Most faculty members have lots of ideas which they themselves don't have time to work on.
4. Drop in at a lab you're interested in and ask someone about what's going on. In most cases, you'll get an enormously thorough description; people are very willing to talk about their work.

Second, find a way to do your own thing. A few suggestions are:

1. Register for a "projects" or "special problems" subject in your (or any other) department. The best types are those with credit "to be arranged." You must find a faculty sponsor. If the project works out well, you can do a careful write-up and petition to make it your thesis.
2. Try to make your project a part-time job with a professor or try to make it a summer job, possibly by getting hold of grant money. Consult your advisor or department head for suggestions on how to go about it.
3. Check with the interdepartmental labs. A fairly thorough listing is in the Catalog. Whatever your idea, if you're really interested in pursuing it you should be able to find help and sponsorship somewhere in the Institute. If at first you don't succeed, keep trying; there are plenty of places to go for advice. The person who turned you down may change his mind and offer his services the next month.

Special Students

Special students, by definition, are not considered to be working toward a degree. Special students pay tuition based upon the number of units they register for; they must be readmitted each term. They usually are not eligible for financial aid, campus housing, or cross-registration. Subjects taken by a special student can be used toward a degree if the student is subsequently admitted as a regular student. Contact the counseling deans (5-106, x3-4891) if you're thinking of changing your status or the Admissions Office if you've never been a regular student.

Summer Session

The summer session is open to all students. The summer catalogue is issued in March and is available at the Information Office (7-121) and at the UAAO (7-104). Tuition is paid on a per-unit basis although minimum and maximum rates do exist. Regular students should check with the Registrar's Office (E19-335); Special Students should contact the Admissions Office (3-108).

Non-MIT students cannot register for MIT summer session without being admitted to the Institute under the same admission standards as those for the regular school year.

The number of courses offered in the summer is limited, but it usually includes some large freshman and sophomore courses such as 8.02 and 18.03.

Summer is a good time to do research. It can be done for credit or pay. If you do it for credit, however, you will have to pay for it, depending on how many units you register for. The research must be started at least halfway through the spring term, especially if you want to be paid for it. Check with the UROP Office (20B-141, x3-7306) for more information and help, and check with your department about ongoing projects which you might find attractive.

Theses

Copies of *Specifications for Thesis Preparation*, published by the Libraries, are available from your department, the UAAO (7-104), and the Institute Archives (14N-118). Your advisor or department should be able to answer most questions.

Transcripts

The Registrar's Office will make copies of your transcript for \$2.00 each. Keep in mind that it will take a while to get them prepared. Payment is made at the Cashier's Office (10-180). Requests for transcripts must be made by the student in writing; no request from a graduate school or anyone else is honored without the

student's approval.

Transferring Credit

It is possible to receive MIT credit for work done at other institutions. If an exact MIT equivalent exists, fill out a Request for Additional Credit form with a recorded grade of ``S.'' If you want a real letter grade, consider taking an advance-standing test rather than transferring the credit. (Make sure you look at the MIT problem sets and exams first!)

There are transfer credit examiners in each department and Humanities sections. The UAAO has a list of them. You should check with them *before* taking a course to make sure you will get the credit you want. If no equivalent exists here, see the most closely related MIT department. Any questions about the granting of credit for work done before you entered MIT as a freshman should be directed to the Director of Advanced Placement in the Admissions Office.

Graduate level subjects completed satisfactorily at other universities may be accepted toward requirements for an advanced degree but do not contribute to the residency requirement. If the subject has an MIT equivalent, submit an Additional Credit sheet; if not, you must petition the COC. Courses previously taken by a Special Student may be used later in partial fulfillment of requirements for a graduate degree. In either case, the Registration Officer should indicate the amount of (A) or other credit accepted.

UROP

The Undergraduate Research Opportunities Program (UROP) is rooted in ideas presented in a lecture by Edwin Land in 1959, when he argued that every student should have a faculty guide to help the student explore his/her own connections to learning and inventing. Land, the founder of Polaroid Corporation, used to sneak into New York University labs at night to try out his ideas about the polarization of light, because he didn't have anything like UROP to help him.

These days a lot of students think about UROP simply as a way to get an interesting research job, and the program works quite well for this. Many students find that UROP leads to thesis work, to graduate school, and to careers. In fact, the people at UROP say they will let you do ``anything you want, as long as you can get a faculty member to supervise you (and the department to approve)."

Thus, while there are hundreds of undergraduates building their research skills while working on projects for high-powered MIT faculty, there are also a goodly number developing their own projects in science, technology, and the humanities.

You can start a UROP any time during your four years at MIT. If you are a first-year student, UROP has a program called the UROP Mentor Program, which will match you up with an experienced upper-classman on a UROP project during the Independent Activities Period in January.

UROP makes it possible for you to get either academic credit or pay for projects done through the program. The bright yellow UROP directory is a useful tool, and so are the bulletin boards in the Infinite Corridor and the Undergraduate Education Office over in building 20. See the staff in 20B-141, x3-7909. They are very friendly and very helpful.

Credit for UROP

First, you need to arrange with a faculty supervisor such details as the nature of the project and the number of units to be awarded. Next,

you need to compose a Letter of Intent and have it signed by your supervisor and submitted to the UROP coordinator in your faculty supervisor's department.

Register for UROP credit as you would for any class. If you want to receive pass/fail credit, register for the UR subject number (e.g., 1 U.R., 2 U.R.). If you wish to receive a grade, register under the suitable subject number for undergraduate research (e.g., 7.90, 17.901, etc.). A UROP may be added after Add Date if it really starts after Add Date. And don't forget to remind your faculty supervisor to submit a grade at the end of the term --- if your research isn't finished, a grade of "J" may be awarded to indicate satisfactory research activity continuing beyond one semester.

Undesignated Sophomore Status

The Undergraduate Academic Affairs Office (7-104, x3-6771) works with students who have not designated a major. The people there will talk to you about selecting a major and choosing or changing advisors. They can often help with problems of course and career selection.

If you choose a major and then change your mind, don't worry. It is possible for sophomores to un-designate.

Warning

The description of Warning below is quoted from a publication of the Committee on Academic Performance.

"Warning": This action would be appropriate in the case of a student whose performance is considered below standard, and whose status at the Institute may be jeopardized if his/her performance does not improve in the coming term. We feel that this action ought not to be viewed as punitive, but rather as a helping mechanism that will encourage such students to plan constructive action to improve their performance.

Undergraduates

If you have a problem or are facing a warning, talk to some of the Committee members or to the staff of the CAP (7-104, x3-4164). Most of these people are quite reasonable individuals.

There is no set cut-off point for getting a warning or escaping it. CAP always will look at you if your term GPA is 3.0 or less, if you were registered for less than 36 units at the end of that term, or if you have received more than 15 units of Incomplete. The normal procedure for each department is to have a grades meeting at the end of each term, at which they will consider each student and make recommendations to the CAP. Therefore, if you think there is something the faculty of your department should know, tell them via your advisor or favorite professor before the end of the term.

Your advisor is your representative and advocate at these meetings and before the CAP. If you are having problems, make sure that he knows the full situation {it before} you get into trouble. If it's too late for that, call him as soon as possible to provide your side of the story.

If you have been ill, be sure you have thorough medical records to show the CAP, as you will not be believed otherwise. If you are claiming you have had "emotional problems," you may have to get verification from a psychiatrist.

If you are on warning, your registration is limited to a maximum of 48 units (51 units if you're taking a 15-unit course). In some instances, the CAP may vote to restrict a person's unit load to 39 or 36 units.

If you leave the Institute for academic reasons, you should consider yourself on academic warning the first term after you return --- the CAP does.

If you have any questions, go to the UAAO (7-104, x3-4164). They can also refer you to a member of the committee. In general, the committee is quite reasonable and tries to help students.

Graduate Students Graduate students may receive a warning from the Committee on Graduate Student Policy if their cum is somewhere below the 3.5-to-4.0 range. However, the Committee is not required to warn you. If your poor performance continues, your department will probably recommend kicking you out -- it is vital that both the CGSP and your advisor clearly understand the circumstances which are causing your problems.

Withdrawal

If you have been on warning at some point and are now doing poorly, the Committee on Academic Performance may, after consulting your advisor, require you to withdraw. Virtually no one flunks out due to lack of intelligence; if you're having trouble, there's probably some other factor at work.

If you're headed for a withdrawal, *don't panic*. Visit the counseling deans (5-106) or the psychiatrists (E23-376). Feel free to ask any questions in the CAP office (7-104). The Placement Office (12-170, x3-4733) can help you find a permanent job (or a temporary one if you intend to reapply for admission).

Transferring, out of MIT

If you plan to transfer to another school, remember that most universities require a minimum 4.0 GPA (on the MIT scale) for transfer students. If yours is substantially below that, don't be surprised if you are told to go to junior college or night school. Some schools will allow you to "prove yourself" as a special student and then transfer in, but many will only care about your MIT GPA and won't let you in even if you have five terms of straight A's as a special student. If you really think you can't do MIT work, transfer out before the end of your sophomore year; in that case your high school grades will be the major basis for the admissions decision, and your MIT GPA won't hurt you that much. Northeastern University in Boston has accepted quite a number of people who have flunked out of MIT.

Readmission after Required Withdrawal Normally students seeking readmission after one required withdrawal apply through the Counseling Deans (5-106). Students with more than one required withdrawal must apply for readmission through the CAP.

The character of the CAP can change quite a bit. Note that the CAP's membership changes partially every year and the committee that can readmit you may have very different attitudes than the one that kicked you out.

When applying for readmission through the CAP, you should submit every existing piece of evidence showing you are no longer a "person with problems" and will be a productive, disciplined, and enthusiastic student. This includes job recommendations, transcripts, and a medical report if you think your past problems

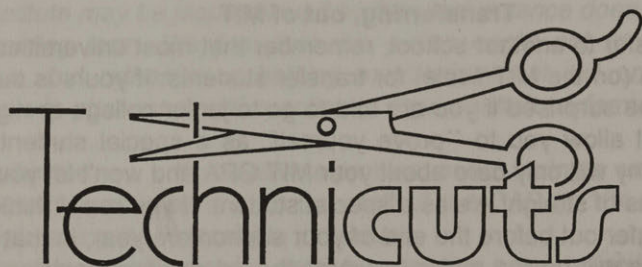
were medical in origin. See the UAAO (7-104, x3-4164) for help in writing an effective application.

If applying for readmission through the Counseling Deans, talk to other students who have gone through Dean's Office readmission before selecting any particular dean. (In the past, some deans have tried to restrict a student's choice of major without much investigation into the student's strengths and weaknesses. Be aware that many people regard pure mathematics and physics as unsuitable for someone who has had academic problems.)

Voluntary Withdrawal and Leave of Absence If you want to leave school, even if only temporarily, you should contact the counseling deans (5-106) for advice and help with all the procedural hassles. If you're not sure whether to take a term or so off, try talking to one of the deans, your advisor, friends, your personal physician, or members of the Psychiatric Service. Also, the Placement Office can help you in finding a temporary or permanent job. When you request a leave of absence, you will be asked to indicate when you plan to return, but you can change your return date later.

Readmission of undergraduates who have withdrawn in good standing is not hard and is done through the DSA. You won't lose financial aid, and housing spaces are often available.

Readmission of graduate students is done through the department. If you're gone more than five years you'll also need the approval of the CGSP.



**Let our experienced professional staff
provide quality service at affordable prices.**

Hair cutting for men, women, and children

Also offering:

- Perming
- Coloring
- Relaxing
- Waxing
- Ear Piercing

Walk in or call for appointment
225-CUTS

Hours	M-F	8-6
	W	8-7
	Sat	10-5

Conveniently located in MIT Student Center, Lower Level

MIT Facilities

MIT is in many lines of business; perhaps you have encountered its educational subsidiary. In addition to facilities directly related to education, the Institute has machine shops, art studios, graphic services, and all the comforts of a large resort community. Whatever your heart desires, it is probably available right on campus.

Finding exactly what you want, however, is not easy. You might start with the Information Office (7-121, x3-4795). Or you can take a fantastic voyage through the pages of your MIT phone book.

We list here only a few of MIT's more interesting, easily accessible facilities, as well as some related services in the area. Institute museums are found in *Sightseeing*.

Athletic Facilities

The Athletic Center has an indoor skating rink on the first floor and a field house on the second floor. For information regarding lessons given in these facilities, call the Athletic Department headquarters (x3-4498). See **Athletic Facilities** under **Athletics**.

Services for Children

Children of those with athletic cards are admitted free to the skating rink and the swimming pool. However, they are allowed to use these facilities only during a limited number of hours. They have no privileges at the DuPont Athletic Center.

The Athletic Department provides swimming lessons for MIT community children. They are held on Saturday mornings beginning in late September and continue through mid-November. To allow individual instruction, classes are limited in size and are restricted to children between the ages of 6 and 14. Again, an athletic card and fee are required. For further information on these services, call the Athletic Department headquarters (x3-4498).

During the summer, the Athletic Department sponsors a Day Camp for MIT community children between the ages of 6 and 14. Notices about registration are mailed in January or early February. A staff of trained counselors gives instruction in swimming, tennis, sailing, and a variety of other activities. The Camp runs for eight weeks, and children may be registered for any combination of two-week periods. For further information, call Director Fran O'Brien (x3-5007).

Audio-Visual

MIT Audio-Visual (4-017, x3-2808) rents out projectors and projectionists, tape recorders, public address equipment, overhead and opaque projectors and other AV equipment. They supposedly keep their prices low, but you may be able to get a better price at your friendly neighborhood camera store.

Computers

Information Services (I/S) owns and operates several super computers. If you wish to use these machines for research, you must pay for the computer account with an MIT purchase order. Contact the User Accounts Office (11-205) for information on obtaining an account. (The Student Information Processing Board sponsors a

small number of student accounts; see below.) You probably shouldn't get an account from I/S because there are many other *free* computer resources available at MIT. See the **Athena chapter**.

The MIT Computer Connection (x3-7686), located in the Student Center basement, sells IBM and Apple computers, software, and computer supplies to the MIT community at a substantial discount. Prices, availability, and package deals vary almost weekly, so be sure to check it out if you consider purchasing one of these machines, even if you stopped by only a short time before. Selection can sometimes be less than you want, but educational prices are unbeatable. Hours are M-F 10AM-4:30PM.

Day Care

There are currently three pre-school child care programs operating on campus that are available to all members of the MIT community. Family Day Care (licensed home care for groups of usually 2--4 children) is available full- or part-time, on campus or off campus, and for children from infancy to five years. Full Day Care and Half Day Nursery School are available for children 3--5 years old through Technology Children's Center. Information about eligibility requirements, fees, and availability of space can be obtained from the Child Care Office (4-144, x3-1592).

The Child Care Office starts from the premise that child care is for parents, too, and can help you to determine what is the most suitable care for you and your child. They can refer you to services off as well as on campus.

Endicott House

This house, located in Dedham, is open to any group associated with MIT but is not for private entertainment purposes. It is not cheap. For reservations and more information, call the director at 326-5151.

Faculty Club

Membership in the MIT Faculty Club is open to all faculty and staff and their families. Support staff must undergo a ten-year probationary period to become members. Membership carries reciprocal privileges with the Harvard and Wellesley Faculty Clubs. The Club is located on the sixth floor of the Sloan Building at 50 Memorial Drive (Bldg. E52) and serves luncheon and dinner Monday through Friday, except on holidays. Special club events such as buffet suppers and dinner-dances are regularly scheduled and announced to the membership. For reservations and information, call x3-4896.

Family Services

The Institute maintains an Office of Social Work Services (E23-344, x3-4911) as an adjunct to the Medical Department. It maintains a good list of available family services and is open for consultation and advice on all family matters.

Graphic Arts and Reproduction

The Graphic Arts Service, housed mainly at 211 Mass. Ave. (N42, x3-4795), provides a wide range of services, only a few of which are mentioned here. The Mailing Service offers typing, stencil addressing, and bulk mailing. The Photographic Division can produce portrait, passport, identification, and thesis

photographs and handles photostat work. They also have an Illustration Service with typesetting capabilities and an Offset Printing Department. Counters for while-you-wait Xeroxing are at 2-217 (x3-6911), 11-004 (x3-2806), E52-045 (x3-5203), 1-252 (x3-3883), and the basement of the Student Center. The quality is very good, but it may be worthwhile to check the prices of commercial outfits for large jobs (see *Duplicating Services* in the *Shopping* chapter).

There are photocopiers in the various libraries and a Graphic Arts Copy Center in the Student Center basement, which is available 24 hours a day.

The Tech (W20-483, x3-1541) has a production shop which it uses to turn out its newspaper. They have typesetting, headlining, and photographic equipment, complete with staff, all of which can be had at a price.

LSC (W20-469, x3-3791) has a typesetter, a headliner, and three offset presses; the two larger presses accommodate paper up to 17.5"x22.5". You can hire someone from LSC to operate the press for you; assistance with copy preparation and folding are also available. LSC movie publicity is a product of these presses, and the results, which vary, can be quite good. Check with the LSC Publicity Director (x3-3791) if you're interested.

Hobby Shop

The Hobby Shop (W31-031, x3-4343) is located in the basement of the Armory. The hours are MTRF 10--6, W 10--9. It has woodworking equipment and a machine shop for metalworking. Shelves, tables, championship sailboats, speaker enclosures, looms, dulcimers, and harpsichords have all been constructed in the shop. Novices are welcome as they give the more experienced users a chance to teach. Membership costs \$15/term for students and student spouses and \$25/term for everyone else. It is open during the fall, spring, and summer terms.

Language Lab

Taped lessons in German, Spanish, French, Russian, and a dozen other languages can be heard in the new Language Lab (20C-145, x3-2310). Standard MIT course tapes are available here. Other tapes, including prose, poetry, plays, and musical "ear-training exercises" are available only when the lab is open. Any member of the MIT community can use the lab at no charge.

Libraries

Five divisional libraries --- Barker, Dewey, Hayden, Rotch, and Science --- as well as several branch libraries and special service units make up the MIT Libraries. The system is not as complicated as it sounds because each of the divisional libraries houses major subject collections that relate to MIT's five Schools: Barker, the engineering collection; Dewey, social sciences and management; Hayden, humanities; Rotch, architecture and planning; and Science. There's a separate library for Music, where you can listen to tapes, records and CDs.

To find out which library covers a particular subject or where a certain book is, call or visit the Institute Library Catalogue (ILC) in the Humanities Library (14S-200, x3-5681). The ILC contains a record of all catalogued material in the MIT Libraries. If you want to have a book that is located in one library delivered to another MIT

54 MIT Facilities

library more convenient for you, telephone x3-5681 to place the request. You can also use **Barton**, the online catalog, by using a Barton terminal in any library, or through Athena.

Brochures describing the libraries, their hours, and their services are available at each unit. The major library units are:

Aeronautics and Astronautics	33-316	x3-5665
Barker Engineering	10-500	x3-5661
Computerized Literature Search Service	14S-M48	x3-7746
Dewey (Management and Social Science)	E53-100	x3-5676
Humanities	14S-200	x3-5681
Institute Archives and Special Collections	14N-118	x3-5136
Lindgren (Earth Sciences)	54-200	x3-5679
Microreproduction Laboratory	14-0551	x3-5668
MIT Museum and Historical Collections	N52-260	x3-4444
Music	14E-109	x3-5689
Reserve Book Room for Humanities and Science	14N-132	x3-5675
Resource Sharing Center	N51-230	x3-7040
Rotch (Architecture and Urban Studies)	7-238	x3-7052
Rotch Visual Collections	7-304	x3-7098
Schering-Plough (Health Sciences)	E25-131	x3-6366
Science	14S-100	x3-5671
Von Hippel Materials Center Reading Room	13-2137	
(for access see CMSE, 13-2098, x3-6841)		

The libraries have a bar code system to identify borrowers. Families of students, faculty, and employees are entitled to full library privileges with an affiliate card. Apply at the Hayden Library circulation desk (Building 14).

A three-day grace period is given on overdue books, but after that, the fine includes these first three days. Fines should be paid *when the book is returned*; if not, the library will charge a minimum \$5.00 fine for billing.

You may renew up to four books by phone if they are not overdue; all you need is the call number. To renew more than four books, visit the library in person, or send them a list (preferably in catalog number order) of the books you want renewed. You may order a search for a book that you didn't find on the shelves; ask at the circulation desk.

Photocopies

All libraries have 10-cent copy machines. They use MIT Library Copy Cards as well as coins. The copy cards are for sale in the basement of the Student Center, or in Hayden Library, with 100 copies for \$10.00.

Reserve books

"Reserve" collections of books required for courses are scattered among various libraries. Reserve books may circulate only within the library or overnight. Heavy fines are charged *by the hour* if you return them late. If you need to keep a reserve book out longer, check to see if there is a copy in the regular collections.

Barker Engineering Library (10-500) has audio-visual instruction on how to use the *HowToGAMIT XXVII*

card catalogue, selected printed indices, super-8 film loops, and videotapes. Barker also has many tapes on Institute courses. The Institute Archives and Special Collections (14N-118) has manuscript and archival collections, MIT theses, and rare books. The Humanities Library has best sellers, leisure reading, college catalogues, telephone books, and general magazines and newspapers. The {lit Official Airline Guide}, as well as information on airline history, is available in the Aero/Astro Library. The Reserve Book Room has mystery novels in addition to books on reserve for Humanities and Science Department courses. Rotch Library often has interesting art and architecture exhibits, as does Rotch Visual Collections, where slides, films, and videotapes are housed. The Stein Club Map Room in the Science Library contains USGS topographic maps. Other maps, including ones on geology and oceanography, are in Lindgren Library, where there is also a seismograph that picks up earth tremors throughout the world. Barker Library has a public Athena cluster.

Reading rooms There are quite a few departmental and laboratory reading rooms, often containing materials unobtainable elsewhere. Many have thousands of items in specific fields. Ask around. (The Physics reading room, for example, is on the first floor of building 26.)

Some dormitories support their own small libraries. Check with the main desk. Also, many faculty members have personal libraries from which some students may borrow.

MITSFS The MIT Science Fiction Society Library (W20-473, x8-5126), a student-maintained facility, has the world's largest open-stack SF collection. Hours are irregular (though usually posted on the door) and browsing is encouraged. You must be a member to borrow books, but non-members can read books freely within the library. Membership costs only a few dollars per term.

Outing Club The MIT Outing Club (W20-461, x3-2988) has a small reference library of outdoor guidebooks, instruction books, safety books, expedition histories, outdoor periodicals, and New England and New York USGS topographic maps.

Religious books The Religious Counselors' Building (W2A) has Catholic, Protestant, and Jewish collections. The Hillel Library has 2800 volumes of Judaica in several languages.

Other Libraries Around Boston

If the MIT Libraries do not have something you want, you may be able to get it through the Interlibrary Borrowing Service or the Boston Library Consortium. Members of the Consortium are Boston College, Boston Public Library, Boston University, Brandeis University, Northeastern University, Massachusetts State Library, Tufts University, University of Massachusetts Amherst/Boston/Worcester, and Wellesley College. You may apply for a Consortium card at Humanities Reference (14S-200, x3-5683); the Interlibrary Borrowing Service is also in the Humanities Library (14S-234, x3-5684).

Harvard University has a tremendous library system, but it is difficult to get stack privileges. A letter from an MIT librarian verifying that the materials you want are

unavailable at MIT or any Consortium library should be all you need to be given restricted access to Harvard Library materials. Ask at any MIT library for further information. The easiest way to use another university library is often to get a friend there to take out books for you.

Wellesley College libraries loan books to MIT students. The hours are 8:30AM to midnight on weekdays, 9 to 9 on Saturdays, and 10AM to midnight on Sundays. You can take out as many books as you want and they may stay out for four weeks. Fines are cut in half if you pay when you return overdue books. The Wellesley Library reference desk can be reached from an MIT phone by dialing x187-0320. For information on the Wellesley shuttle bus, see the *Colleges* chapter.

Boston University's Mugar Library is on Commonwealth Avenue at the BU Student Union. It has extensive and wide-ranging collections and a pleasant atmosphere. MIT students need a pass to enter. A BU pass is obtainable at any MIT Library for use of materials not available here. These materials may only be used within the Mugar Library.

Boston Public Library at Copley Square (with branches everywhere) is a large research library. It also has many circulating books (which are often unshelved and generally hard to find) and stereo records (which are normally in rather poor shape unless you get them when they're new), out-of-town newspapers and periodicals, and loads of reference material. It's open M-R 9-9 and FS 9-5. To get your card, show your MIT ID and fill out an application form. Suburbanites are also eligible for cards.

Cambridge Public Library (449 Broadway, branches and bookmobiles) is large and easy to use (open stacks). It usually has several copies of current bestsellers. Reserve one and wait your turn. If you don't live in Cambridge you must show a BPL or other library card to get a card.

Brookline has a public library (361 Washington St. and branches) whose collection is similar to Cambridge's. Cards are free to Brookline residents; others must pay a few dollars.

All the suburbs and towns around Boston have their own libraries. Collections are normally aimed at the general reader and all have special children's sections. Some have film and lecture programs. There are several special-topic libraries around Boston; some have formidable defenses against entrance by common students. Check with the MIT librarians if you're interested or have special needs.

Machine Shop

If you need to use a machine shop, your best bet is to check within your department. Most shops have lathes, mills, presses, etc.; the Chemistry Department has a glassware shop. Check around for equipment you need and then ask. Rules vary with the shops, but all of them expect you to furnish your own supplies.

Microreproduction

The Microreproduction Laboratory (14-055, x3-5668) can turn printed materials (such as books, magazines, newspapers, or theses) into microfilm, microfiche, or

HowToGAMIT XXVII

slides - or turn any of these into full-sized paper copies. You can also have papers bound for you (e.g., reports, theses). Call for prices.

Music Practice Rooms

Practice rooms *per se* are rare. The ones in Building 4 are under the (strict!) control of the Music Department. A few are scattered within the living groups. There are several pianos in the Student Center. Check at the Student Center Information Booth (or, when they are closed, the Coffeehouse) if you want to use one. The Cheney Room has a Steinway. Most dorms own pianos. Practice rooms tend to lack music stands, so bring your own.

Observatory

The George R. Wallace, Jr., Astrophysical Observatory can be used by students in classes (e.g., 12.117J, Observational Techniques of Optical Astronomy) and for individual projects. All scheduling is done through the office of the director, Prof. J.L. Elliot (Course XII, 54-422, x3-6308). The Observatory is 40 miles from Cambridge, in Westford. It has one 24" and one 16" Cassegrain telescope, two 14" Schmidt-Cassegrains, and a 5" astrograph. The 24" is sometimes difficult to get time on, while the other scopes are accessible for projects of any merit. There are overnight and meal facilities, a darkroom, and an electronics work area. The observatory computers are connected to MIT via NEARnet.

Problems with Buildings

Physical Plant is responsible for all MIT buildings. If there is a problem such as lack of light, heat, or water, call the Physical Plant Control Center (x3-4948: F-IXIT) 24 hours a day.

Religious services

The MIT Chapel is open daily from 7AM to 11PM for private meditation. Services of many faiths are held throughout the week; check the calendar in *Tech Talk* for a listing of all religious services; scheduling is done through the Campus Activities Office. For more information, see **Religious Organizations** in the **Activities** chapter.

Student Art Association

The Student Art Association is open to anyone in the MIT community, although preference is given to students. SAA has superb facilities for ceramics, drawing, jewelry, painting, silk-screening, Chinese brush painting, photography, calligraphy, etching, and a host of other arts. It also has an excellent darkroom and general photographic facilities. Classes in ceramics, photography, and drawing are offered during fall, spring, and summer terms, and IAP. Fees are charged (\$15-70) for classes (\$5-10 less for use without instruction). The office is on the fourth floor of the Student Center (W20-429, x3-7019); the office hours are 1--5 weekdays.

Student Center

The Student Center was renovated in 1991. It now has a Food Court, vendors, a TV room, a game room, a 24-hour coffeehouse, and an information booth. Several private meeting rooms can be reserved through the Campus Activities Complex (W20-500, 3-7974).

Student Center vendors include a branch of the MIT Coop, BayBank, LaVerde's Market, Newbury Comics, and an MIT Museum Shop. Located in the basement are the MIT Graphic Arts Copy Center, the MIT Computer Connection, the Game Room, the Tech Barber, Tech Optical, Council Travel, Technicuts, and a U.S. Post Office.

The Student Center Committee sponsors several Student Center activities, including live band parties, known as Strat's Rat, and Midnight Movies (free movies at midnight on Saturdays).

Talbot House

Talbot House is a Vermont farmhouse available throughout the year to MIT student groups. It is located in Woodstock near several major recreational facilities with skiing, hiking, horseback riding, and golf areas. Scheduling is done not more than one month beforehand by a student committee through the Dean's Office (W20-501, x3-4158).

Colophon (Vkal-o-fon, f) An identifying device used by a printer or publisher. Seen here, the colophon for MIT Press. An award-winning publisher in art, architecture, photography, design, aesthetic critical theory, philosophy, computer science, artificial intelligence, cognitive science, linguistics, neuroscience, economics, environmental studies, science, technology and social and distributive of Zone Books and The AAAI Press (American Association of Artificial Intelligence). The MIT Press Bookstore, located in Kendall Square at 292 Main St., sells all the books and journals published by The MIT Press, as well as an exceptional collection of cards, journals and magazines, other publishers' books by MIT authors, shirts including the well-known MIT t-shirt and sweatshirt with the MITP colophon. Colophon (Vkal-o-fon, f) An identifying device used by a printer or publisher. Seen here, the colophon for MIT Press. An award-winning publisher in art, architecture, photography, design, aesthetic critical theory, philosophy, computer science, artificial intelligence, cognitive science, linguistics, neuroscience, economics, environmental studies, science, technology and social and distributive of Zone Books and The AAAI Press (American Association of Artificial Intelligence). The MIT Press Bookstore, located in Kendall Square at 292 Main St., sells all the books and journals published by The MIT Press, as well as an exceptional collection of cards, journals and magazines, other publishers' books by MIT authors, shirts including the well-known MIT t-shirt and sweatshirt with the MITP colophon. Colophon (Vkal-o-fon, f) An identifying device used by a printer or publisher.

Athena

"Where's the any key?"

Athena, named for the Greek goddess of wisdom, is a highly visible aspect of MIT's environment. Whether doing coursework on-line, writing papers, sending electronic mail, or just playing games, Athena is a vital part of many student's lives.

Begun as Project Athena, it was a major, Institute-wide experiment in the use of computer technologies to improve education at MIT. Now the Athena Computing Environment is the largest single, centrally managed installation of heterogeneous, networked workstations in the world. Athena supports sixteen public and twenty-five departmental clusters, including an electronic classroom, located throughout the MIT campus. The network serves over 1,100 workstations located in these clusters, as well as in academic facilities, laboratories, libraries, living groups, and a staff area. Included also are many private workstations located in faculty offices and other sites. Soon the network will extend into dorms and ILG's, so that students can log in directly from their rooms.

Athena offers computing resources to all undergraduates and graduate students, and many faculty. Every student can get an account on Athena.

Clusters of computers are scattered about campus. There is a combination for the keypress locks, which is the same for all the public clusters, which can be obtained through sources such as OLC or Athena Minicourses (see **Help**, below). The most visible clusters are the "Fishbowl", in building 11, off the Infinite Corridor, and the large cluster on the fifth floor of the Student Center.

NOTE: This is not meant to be an extensive guide to Athena, merely an introduction.

Getting an Account

Find an open computer with a "Welcome to Athena" screen, and press a key. Then click the mouse on the "Register for an Account" option, and follow the instructions. If you have any problems contact OLC in 11-115 or Athena accounts in 11-124h. It usually takes a day or two for your account to become active, but after that you'll be able to log on whenever you want.

Be sure you like your username, as it's nearly impossible to change it. It's equally important to choose a good password. Passwords can be changed, however, and should be every few weeks, by typing `passwd` at the `athena%` prompt. Be sure to never tell anyone your password, as they can mess up your files or change your password so that you can't log in.

Logging in

At an open computer with a "Welcome to Athena" screen, press a key, then type in your username, and then your password. Your password won't be displayed on the screen.

Basic Commands

The main window, created when you first log in, is called an xterm. It has a prompt, `athena%`, at which you type commands to the computer. Unless otherwise specified, all the commands listed below are run from an xterm.

To run a program, type the name of it at the `athena%` prompt. To quit the program, in general, type `control-c` (press the control key and the `c` key at the same time) in the xterm you ran the program from. To run it in the background (so that you can still use your xterm while the computer is running) type a `"&"` after the program name.

(replace `<filename>`, `<directory name>`, etc., with the appropriate filename, directory name, etc...)

Directories:

`ls` lists the files and subdirectories in that directory.

`ls -a` also lists your "dotfiles" files which the computer accesses when you log in.

`cd <directory name>` changes directories

`mkdir <directory name>` creates a directory which you can then put files in.

Files:

`more <filename>` displays text files in an xterm window, one screenful at a time.

`delete <filename>` gets rid of file (truly gone after three days)

`undelete <filename>` retrieves a mistakenly deleted file.

`mv <old filename> <new filename>` moves a file, effectively renaming it.

`cp <filename>` creates a copy of the file.

Email:

`inc` incorporates your new mail so that you can read it.

Each message is assigned a number, which is displayed at the beginning of the line when it is incorporated. Commands, such as `show` and `rmm`, when not followed by a number, will apply to the current message.

`scan` lists all the mail messages you have received and their numbers.

`show <message #>` displays your mail message, similar to `more`.

`next` displays the mail message with the next number.

`rmm <message #>` deletes the mail message.

`comp` allows you to compose an email message to send using the `emacs` editor. Put the name of who you're sending it to after the `To:` prompt. `Cc:` is for carbon copies to other people, with multiple addresses separated by commas. A topic for the letter can be put on the `Subject:` line. Begin your letter on the line after the `"-----"`. Don't erase this line!

`repl` similar to `comp`, this is to send a reply for a specific message back to its sender.

forw will include a message so that you can send it on to someone else.

Zephyr

zwrite <username> sends a message to another user logged in at the same time. Type your message in , and send it, as the prompt says, by typing control-d or a "." on a line by itself.

zlocate <username> tells if a user is logged on and receiving zephyrs.

Clicking a mouse button on a zephyr will make it disappear. Be careful not to click a zephyr away before you've read it, as there is no record of it anywhere.

Using emacs, you can create a file called ".anyone" containing usernames of your friends who you'd want to know if they're logged on.

znol will list the users in your .anyone file that are currently logged on.

Word Processing

Emacs is a text editor of the "What You See Is What You Get" variety. It has many functions which work with control characters.

EZ is a menu-driven easy to learn word processor; it is useful for most simple documents such as papers for class and letters to friends.

LaTeX is a text formatter. It is more flexible and powerful than EZ, but is harder to learn. There is documentation available and minicourses for each of these.

Printing

Each user, at the beginning of the fall term, is allocated a printing quota of 1200 pages. This is a lot of pages. Should you use it up, however, you can still print, but a charge of 10 cents per page will show up on your bursar's bill. Header pages, which are printed for each printing job, do not count against your quota. Most clusters have printers. cview printers will give a list of all the printers and the clusters they're located in.

lpr -P<printer name> <filename> will print out a text file.

xdpr -P<printer name> will print a window dump. When the cursor changes to a crosshair, click in the window you wish to print out. Clicking in the root (background) window will print out the entire screen.

lpquota -P<printer name> shows how much you've printed out and any charges you've accumulated.

lpq -P<printer name> can be used to check if the printer is working and if your file has been printed.

lprm -P<printer name> <username> will cancel a printing request.

Screensaving

It is generally considered a good idea to screensave your terminal if you want to leave your terminal for a little while. While Athena has a default screensaver to protect the screens, this doesn't protect your files from random passers-by who might want to mess with your files. So before you go, add sipb;

xscreensaver, then click your middle mouse in the window that appears in the upper left corner, and drag down to the "Lock Screen" option. This protects your account in that you need to enter your password before you can get to your account.

Do not leave your workstation unattended for more than 20 minutes.

After this, other users are entitled to log you out. Xscreensaver will create a logout button for this purpose after thirty minutes. If elapsed screensaved time is not displayed, or is greater than 30 minutes, it is your right to log out that person to be able to use the terminal.

Help

Help in learning how to use Athena is readily available. We encourage you to explore and learn. Typing `help` at the `athena%` prompt will create a menu with many topics and answers to help you. Browsing through can teach you many things. OLC (On-Line Consultants) is here to answer your questions. You can drop by their office, 11-115, next to the Fishbowl, call them at 3-4435, or ask them a question over Athena by typing `olc` at the `athena%` prompt and following the instructions. SIPB (Student Information Processing Board), located in W20-557, outside the Student Center cluster, is a group of students who help to create and maintain many services on Athena. They can often answer questions about Athena software. During R/O week and at other times during the year, there are Athena Minicourses which focus on specific topics, such as Getting Started on Athena, and using editors such as Emacs, EZ, and LaTeX.

Games!!!

One of Athena's most important purposes is to provide a distraction when we should all be doing more productive things. The best way in which it does this is by providing a variety of computer games to play. Don't monopolize computers during busy periods by playing games, though!

`add games; ls /mit/games/$bindir` will give you a list of games. Most are executables that you just have to type their names to get them to run. Have fun!

Logging out

It's really important not to forget to logout before you leave. Click on the Logout window in the lower right corner of your screen, and confirm that you wish to leave, or type `logout` at the `athena%` prompt, making sure it listens to you before you go.

MIT Publications

Administrative Policies

How to deal with red tape.

Purchasing Policy *Purchasing Policy and Procedures* is a brief handbook on purchasing regulations. (E19-315)

Laboratory Supplies The *Catalogue of Laboratory Supplies* and *Electronic Stockroom Catalogue* give price lists of equipment regularly stocked by the Office of Laboratory Supplies. (Office of Laboratory Supplies, 4-364)

Office Supplies *Catalogue of Office Supplies and Furniture* is a price list of supplies regularly stocked by the Office of Laboratory Supplies. (Office of Laboratory Supplies, 4-364)

Petty Cash *Petty Cash Policy* lists instructions for supervisors who wish to maintain a petty cash account. (Comptroller, E19-572)

Safety *Accident Prevention Guide* is a handbook on safe procedures for handling chemicals, machinery, and other materials. (Safety Engineer, E19-207)

Research Proposals *Guide for Preparation and Submission of Research Proposals* is prepared to assist faculty members in the preparation of proposals for externally sponsored research programs and to facilitate the administrative review and transmittal of such proposals. (Office of Sponsored Programs, E19-702)

Office Procedures *Guide to MIT's Administrative Offices* is a guide to office procedures at the Institute. (Office of Personnel Development, E18-320)

Travel Expenses *Travel Expense Policies*, policies and procedures covering reimbursement of travel expenses incurred in the performance of Institute business. (Comptroller, E19-572)

Annual Reports

Mostly of interest to the Corporation, but available to all of us.

The *Report of the President* to the MIT Corporation, first published in 1871, is published annually in *Tech Talk* about November 1. A larger edition including the reports of the deans, department heads, vice presidents, and heads of major laboratories is published later in the month. (Information Center, 7-121)

The *Report of the Treasurer* to the MIT Corporation, published annually in October, is a report of operations, gifts, plant facilities, and investments of the preceding fiscal year. (Comptroller's Accounting Office, E19-572)

Benefit Plans

These are available from the Benefit Office, E19-434.

Benefits Program The *Benefits Program for Faculty and Staff* is a summary of insurance, health services, retirement plans, and other staff benefit programs.

Medical Insurance *Major Medical Insurance* outlines details of the major medical coverage.

Scholarships, Employee's Children *Children's Scholarship Plan* is a leaflet describing the assistance available to members of the faculty and staff with children in college.

Directories

These directories are intended for authorized use by Institute personnel only. They should not be made available for advertising, placement, or other commercial use.

MIT Phone Books *Institute Telephone Directory* gives office and home telephone numbers and addresses of faculty, staff, and employees, published in the late fall. (Telecommunications Office, E19-741, and the Mail Room, 24-007)

The *Student Directory* gives term addresses and telephone numbers, home addresses, electronic mail addresses, and class and course information, published in October. Dormitory residents can pick up their copy at their dorm desk; others should go to the information center. (Information Center, 7-121)

The *Directory of Foreign Students* provides information about international students. International Students' Office, 5-106)

Alumni Register The *Alumni Register*, a complete roster of all alumni and alumnae, published periodically. (Alumni Association, 10-110)

Educational Programs and Instructions

Many of these you will find useful, especially those containing course information. All the documents in this section are free.

Course Bulletin The *Courses and Degree Programs* Issue of the *MIT Bulletin* is published annually about August 1. This course catalog contains information on requirements for undergraduate and graduate degrees, interdisciplinary study and research, departmental programs, and descriptions of subjects. There's also material about the Institute, about undergraduate and graduate educational opportunities, and about departmental and interdepartmental activities. Intended for use by faculty and students at MIT. (Information Center, 7-121)

HASS guide The *Humanities, Arts, and Social Sciences Guide* (HASS) is published each term and contains information on all humanities courses above and beyond the catalog description. It's very useful, usually accurate, and distributed with registration materials. (Course XXI office, 14N-409)

CEG The *Course Evaluation Guide* comes out each term and ranges from very useful (if they evaluated a class you're planning to take) to merely amusing (if you're taking strange classes). The CEG is prepared entirely by students and is distributed with registration materials each term. Always start reading the "Best and Worst Comments Received" section first. The status of the CEG has been up in the *HowToGAMIT XXVII*

air of late. Look around for it. It might still be published.

Summer Session The *Summer Session Catalogue Issue* of the *MIT Bulletin* is

published annually in February. It contains complete information concerning academic activities during the Summer Session. (Information Center, 7-121)

IAP The *Guide to IAP Activities* is a catalogue of activities taking place during the January Independent Activities Period which is published in early December. Copies are distributed in the lobbies of major campus buildings and can be obtained from the Information Center (7-121) or the IAP Office (7-103). A preview comes out in a September. A weekly timetable of IAP activities is published during exam week in December.

UROP The *Undergraduate Research Opportunities Program Directory* contains information for undergraduate students about participating with MIT faculty members in a wide range of research and project activities both on- and off-campus. (Information Center, 7-121; UROP Office, 20B-141)

Seminars The *Undergraduate Seminar Program* booklet is published every term describing seminars being offered. (Undergraduate Seminar Office, 7-104)

MIT Today *MIT Today* is an interpretive description of the Institute, planned especially for prospective undergraduate students. (Admissions Office, 3-108)

Class of 2000 Handbook The *Class of 2000 Handbook* contains detailed descriptions of first-year subjects and of registration and counseling procedures for members of the freshman class. It includes information about residence, athletic, and extracurricular activities. (Undergraduate Academic Support Office, 7-104)

Faculty Rules *Rules and Regulations of the Faculty* is the official statement of the organization, operation, rules and regulations of the faculty. Published by the Registrar's Office. (Information Office, 7-121)

Schedules *Class Schedules* and *Typical Course Schedules* are published prior to each term. They are distributed as part of your registration packet. (Registrar's Office, E19-335)

Undergraduate Guide The *Guide for MIT Undergraduates and Faculty Advisors* is published every few years by the Committee on Academic Performance. This booklet is intended to be a summary of information concerning the grading system, Institute requirements, registration procedures, and other administrative aspects of MIT, including detailed information concerning policies and procedures followed by the CAP. (Information Center, 7-121; CAP Office, 7-104)

Graduate School The *Graduate School Manual* is the definitive statement of organization, policies, and procedures applicable to graduate instruction. (Dean of the Graduate School, 3-136)

Degrees The *Degrees Awarded* publication, published every September, February, and June, contains names of persons receiving degrees awarded by

MIT. (Registrar's Office, E19-335)

Wellesley The *Wellesley-MIT Exchange: Cross-Registration Procedures*, published in December and April of each year, summarizes procedures for participating in the program on the Wellesley campus. (Wellesley-MIT Exchange Office, 7-103)

MIT Press The *MIT Press Catalog* (updated annually) and its supplements (with new titles in the Spring and Fall) list and describe the books published on various subjects. (MIT Press Bookstore, E38, x3-5249)

Guides

How to get around specific parts of MIT.

MIT Libraries The *Guide to the MIT Libraries* is a description of library facilities and how to use them. (Director of Libraries, 14S-201)

Handicapped Access Guide The *Guide for the Handicapped* is a map and digest of general information about MIT for the physically handicapped. Provided by the Planning Office. (Information Office, 7-121) There is a map in the Infinite Corridor of campus access ramps.

Braille Map The *MIT Tactile Map* is a map of the MIT campus for the non-sighted, including a braille directory and an audio cassette describing the map's use. (Planning Office, 12-156)

You and MIT *You and MIT* is a handbook of general information for new employees in the hourly and biweekly categories. (Benefits Office, E19-434)

Periodical Publications

Newspapers and magazines published by the Institute. See also the chapter on *Media*.

Tech Talk *Tech Talk* is published every Wednesday by the News Office (5-111, x3-2701). This is the MIT community newspaper, directed at students, faculty, staff, and visitors. It has absorbed the Institute Calendar, which lists upcoming events, and Positions Available, which lists job openings at the Institute.

Technology Review *Technology Review* is published monthly except July, September, and November by the Alumni Association (10-140). It carries articles on social issues and contemporary technology in addition to news about alumni and MIT.

Student Life and Activities

Free, except where noted.

HowToGAMIT *HowToGAMIT* (How To Get Around MIT) is useful to all new members of the Institute community. It provides a comprehensive introduction to the Boston area and student life at the Institute. Available from the Technology Community Association (TCA, W20-450), also from the MIT Press bookstore, the *HowToGAMIT XXVII*

Coop, and the Museum shop.

Undergraduate Residences *Undergraduate Residence at MIT* has material on undergraduate living groups (prepared by the living groups themselves). It is published annually by the Undergraduate Academic Affairs Office (7-104) and mailed to incoming freshmen.

Graduate Residences *Graduate Residence*, published annually in the spring, describes residence facilities available to graduate students. (Dean for Student Affairs, 7-133)

Freshman Picturebook The *Freshman Picturebook* contains pictures of the freshman class. (TCA, W20-450)

Getting Acquainted *Getting Acquainted: A Book of Information About MIT and the Boston Area* complements *HowToGAMIT*. It includes chapters on getting a job, setting up a household, childcare, education, shopping, finding friends, entertainment, medical care, and consumer protection. It is available in E23-376 for \$3.50.

Cross Index to MIT Publications

This should tell you the title of what you want; if it isn't obvious who publishes what (and if we didn't describe your particular document above), a few phone calls should direct you to the right office.

Administration	<i>Guide to MIT's Administrative Offices</i>
Alumni	<i>Guide for Undergraduates and Faculty Advisors</i> <i>Alumni Register</i> <i>Degrees Awarded</i>
Annual Reports	<i>Report of the President</i> <i>Report of the Treasurer</i>
Athletics	<i>Courses and Degree Programs</i> <i>Class of 2000 Handbook</i>
Class Schedules	<i>Class Schedules and Typical Course Schedules</i>
Committee on Academic Performance	<i>Guide for Undergraduates and Faculty Advisors</i>
Co-op (Cooperatives with industry)	<i>Courses and Degree Programs</i> <i>UROP Directory</i> <i>Rules and Regulations of the Faculty</i>
Counseling	<i>Class of 2000 Handbook</i>
Counselors, Faculty	<i>Guide for Undergraduates and Faculty Advisors</i> <i>Class of 2000 Handbook</i>
Courses, Choosing	<i>HASS Guide</i> <i>Course Evaluation Guide</i> <i>Courses and Degree Programs</i> <i>Class of 1997 Handbook</i>
Courses, Graduate	<i>Courses and Degree Programs</i> <i>Graduate School Manual</i>
Cross Registration, Harvard	<i>Courses and Degree Programs</i>

Cross Registration, Wellesley	<i>Guide for Undergraduates and Faculty Advisors</i> <i>Wellesley-MIT Information Sheet</i> <i>Courses and Degree Programs</i> <i>Wellesley Bulletin and Class Schedules</i>
Degrees Awarded	<i>Degrees Awarded</i>
Degrees, Double	<i>Guide for Undergraduates and Faculty Advisors</i> <i>Courses and Degree Programs</i>
Degrees, Requirements	<i>Courses and Degree Programs</i> <i>Class of 2000 Handbook</i>
Degrees, Simultaneous SB & SM	<i>Courses and Degree Programs</i>
Departments, Activities of	<i>Courses and Degree Programs</i> <i>Report of the President</i>
Departments, Requirements	<i>Courses and Degree Programs</i>
Directories	<i>Institute Telephone Directory</i> <i>Student Directory</i> <i>Directory of Foreign Students</i> <i>Alumni Register</i>
Domestic Year Away	<i>Class of 2000 Handbook</i> <i>Guide for Undergraduates and Faculty Advisors</i> <i>Report of the President</i>
Employee Benefits	<i>Benefit Programs for Faculty and Staff</i> <i>Children's Scholarship Plan</i>
Employment, Finding	<i>Placement Manual</i>
Events, Calendar of	<i>Tech Talk</i>
Extracurricular Activities	<i>MIT Student Activities Directory</i>
Faculty, Listings of	<i>Course and Degree Programs</i> <i>Rules and Regulations of Faculty</i> <i>Report of the Treasurer</i>
Finances, Institute	<i>Rules and Regulations of the Faculty</i>
Finals, Regulations concerning	<i>Guide for Undergraduates and Faculty Advisors</i>
Foreign Study	<i>Guide for Undergraduates and Faculty Advisors</i> <i>Report of the President</i>
Grading Policies	<i>Class of 2000 Handbook</i> <i>Guide for Undergraduates and Faculty Advisors</i> <i>Rules and Regulations of the Faculty</i>
Graduate School	<i>Graduate School Manual</i>
Handicapped	<i>Guide for the Handicapped</i> <i>MIT Tactile Map</i>
Housing	<i>see Residence</i>
Independent Activities Period	<i>IAP Preview</i> <i>IAP Guide</i> <i>IAP Activities Planning Form</i> <i>IAP Timetables</i> <i>Courses and Degree Programs</i>
Insurance, Medical	<i>Major Medical Insurance Benefits Program for</i>
<i>HowToGAMIT XXVII</i>	

<i>Faculty</i>	<i>and Staff</i>
Interdepartmental Activities	<i>Courses and Degree Programs</i> <i>Report of the President</i>
Interdisciplinary Study	<i>Courses and Degree Programs</i>
Lab Supplies and Equipment	<i>Catalog of Laboratory Supplies</i> <i>Electronic Stockroom Catalog</i>
Libraries	<i>Guide to MIT Libraries</i>
Pictures, Freshman	<i>Freshman Picturebook</i>
Purchasing, Institute	<i>Purchasing Policy and Procedures</i> <i>Petty Cash Policy</i>
Registration	<i>Class of 2000 Handbook</i> <i>Class Schedules and Typical Course Schedules</i> <i>Guide for Undergraduates and Faculty Advisors</i>
Registration, Changing	<i>Courses and Degree Programs</i> <i>Class of 2000 Handbook</i>
Requirements, General Institute	<i>Courses and Degree Programs</i> <i>Guide for Undergraduates and Faculty Advisors</i> <i>HASS Guide</i>
Requirements, Graduate	<i>Graduate School Manual</i> <i>Courses and Degree Programs</i>
Research Proposals	<i>Guide for Preparation and Submission of</i>
<i>Research</i>	<i>Proposals</i>
Research, Undergraduate	<i>Undergraduate Research Opportunities</i> <i>Program Directory</i> <i>Guide for Undergraduates and Faculty Advisors</i>
R/O Week	<i>Class of 2000 Handbook</i>
Residence, Graduate	<i>Graduate Residence</i>
Residence, Undergraduate	<i>Class of 2000 Handbook</i> <i>Undergraduate Residence at MIT</i>
Safety	<i>Accident Prevention Guide</i>
Seminars, Undergraduate	<i>Undergraduate Seminar Program</i>
Sex	<i>Human Relationships - A Sexual Perspective</i>
Staff Benefits	see <i>Employee Benefits</i>
Supplies, Office	<i>Catalog of Office Supplies and Furniture</i>
Summer School	<i>Summer Session Catalogue</i> <i>Guide for Undergraduates and Faculty Advisors</i>
Telephone Directory	<i>Institute Telephone Directory</i> <i>Student Directory</i> <i>Directory of Foreign Students</i>
Theses, Graduate	<i>Graduate School Manual</i> <i>Rules and Regulations of the Faculty</i> <i>Courses and Degree Programs</i>
Theses, Undergraduate	<i>Rules and Regulations of the Faculty</i> <i>Guide for Undergraduate and Faculty Advisors</i>

Transcripts
Transferring Credit
Transferring Out
Travel Expenses
UROP
Warning, Academic
Wellesley-MIT Exchange
Year-Away Programs

Class of 1997 Handbook
Guide for Undergraduates and Faculty Advisors
Class of 2000 Handbook
Travel Expense Policies
see Research, Undergraduate
Guide for Undergraduates and Faculty Advisors
see Cross-Registration, Wellesley
Guide for Undergraduates and Faculty Advisors



MIT Computer Connection

High quality products. Educational discounts.
Part of MIT Information Systems.

Apple Computers ★ Notebooks

PCs ★ Workstations

Software ★ Peripherals

Supplies ★ Accessories

Stratton Student Center, Lower Level
Monday 12 - 4:30, Tuesday - Friday 10 - 4:30
617 253-7686, <mcc@mit.edu>
<http://web.mit.edu/mcc/www>

Service is our specialty.

MIT Geography

The MIT campus is quite compact and often confusing to navigate, with tunnels, passageways, and cleverly-hidden hallways. If you're new to the place, you could try walking around and getting lost once or twice just to get the hang of it, or you could get an overview by taking an Information Office tour. Tours are given at 10AM and 2PM. For details, call the Office (7-121, x3-4795).

Tunnels exist between buildings 14&18; 18&54; 54&56; New House and MacGregor; and between the parallels of East Campus. Basements otherwise connect where two buildings meet. They can be handy in bad weather or to avoid "rush hour traffic." Be careful of floor changes - in going from one building to the next, a ramp or a few steps may mean you've gone up or down a floor. The Infinite Corridor traffic (buildings 7-3-10-4-8) can be bypassed on 2ND, 3RD, or basement levels. It may be more convenient, depending on your destination, to walk through Killian Court, or along the street outside building 13.

Notice that the buildings from 1 to 8 are symmetric, with odd/even pairs.

The doors to the following buildings are always unlocked: 7, 8, 16, 39, and the Student Center. Doors are usually kept open until 11PM in buildings 13, 14, 24, 56, Kresge and the Chapel.

Bathrooms

Here are a few guidelines for finding a bathroom quickly. On the main corridor, lavatories are stacked vertically, men's above women's and *vice versa*. They normally occur at the junction of two buildings, for instance 3-101, which is a women's room. In the other main buildings, a similar situation applies, with bathrooms occurring at the ends of buildings or just before (or after) a corner. Example: 1-101 is a men's room. In the newer buildings, men's and women's rooms are usually close together and either centrally or peripherally located. The notable exception is Building 14 with men's rooms at the western end, women's rooms at the eastern end, and none on the first floor. Check the corridors for water fountains. Where there is a fountain, a bathroom usually isn't far away.

Vending Machines

If you have problems with a vending machine or need a refund, call the answering service at x3-5858. If you have problems with a Coke machine, call x3-2707.

Vending machines are located along the basement of the Infinite Corridor, and in other scattered places in the Institute.

Finances

Paying the 'Tuting Piper

The most important bills you will be paying for the next four (five, six, seven, ...) years are those to MIT. At least they seem that way. Here are some helpful hints in dealing with the *real* heart of MIT.

Financial Statements MIT Student Account Statements from the Bursar's Office arrive before the start of each semester. If you think the Institute screwed up your financial statement, contact the Student Accounts Office (E19-215, x3-4132). However, before you jump to hasty conclusions, remember that invoices are random and the bill you receive may include a debt that you have already paid.

Where to Make a Payment Payments to the Institute can be made at the Cashier's Office (10-180) or the Bursar's Office (E19-215). Payments can also be mailed to the address specified on the Student Account Statement. Payments for each term are due about a month before classes begin. An alternative to paying in full by the due date is the Bursary Payment Plan. The plan allows you to pay your student account balance in four monthly installments per term.

If you haven't paid by Registration Day, a visit to Student Accounts will be in order. This may require unending patience due to long lines and long-winded explanations; best to avoid this madness if possible.

Financial Aid, Undergraduate

Money for undergraduates normally comes in package deals, part scholarship, part loan, part term-time job. The amount of each is determined by the people in the Financial Aid Office (5-119, x3-4971) from data you and your parents have given them when you filed the Financial Aid Form through the College Scholarship Service (U.S., Canadian, or Mexican citizens) or the special "For Students From Foreign Countries" application, MIT's own financial aid application, and a copy of your parents' tax forms. The resources are very tight, but they are there to be used. So if you need money, go check things out there; don't give up. The financial aid forms are usually mailed to continuing aid recipients in February. If you haven't received aid but would like to try, go to the Financial Aid Office (5-119) and request an application. These forms are usually due sometime in April. *Make the deadlines!* Deadlines will be published for the coming school year. For undergraduates, need is the only criterion that determines how much aid you get and how it is split up.

Remember, *all* undergraduates must file a form declaring their draft status (e.g., female, registered, etc.) before they are eligible to receive aid every year.

Caution: Your college work-study eligibility does *not* guarantee you a job when you arrive at MIT. It means that MIT expects you to contribute that amount to your support by working (or some other suitable means, e.g., loans) while at MIT. Your earnings are taxable so you must file several forms to prevent taxes from being taken out of your paycheck.

Financial Aid, Graduate

The Graduate School Office (3-138) and your own department's headquarters have
HowToGAMIT XXVII

all the information needed to apply for financial aid, including information on industrial and foundation grants. Most financial aid programs have early application deadlines, so get to work early. For graduate students, academic performance is important for financial aid.

The Graduate School Office can be particularly helpful with applications for national and MIT fellowships. You can get advice on fellowship opportunities, an advance on your funds, and other information.

It is better to apply for a 12-month Federal fellowship than a 9-month fellowship. Your chances are as good and after you receive the award you can change it to nine months without any trouble. The reverse is much harder.

You will find that your department is instrumental in almost all financial support decisions. It also has an intimate grasp of what opportunities are available, both inside and outside MIT. Be sure to keep in touch with both your advisor and department headquarters.

Between 80% and 85% of grad students are receiving some sort of financial aid through MIT, their governments, an outside foundation, or some other means. There are Research Assistantships (RA's), Teaching Assistantships (TA's), Federal Traineeships, industrial grants, MIT awards and other random sources of income for graduate students. Some of these kinds of support (e.g., RA, TA) are obtained from the department, while some come through the Graduate School Office. Other sources such as state and federal loans come through dealings with the Financial Aid Office.

There are some legalities involved; RA grants are usually tax-free (although the tax laws have been changing recently, check on this), while TA grants are not. Foreign students are usually not eligible for Federal fellowships. Be careful to read all the fine print. Your department and the Graduate School Office should be able to help out.

Loans

Both undergraduates and graduates apply for loans at the Financial Aid Office (5-119, x3-4971). Although scholarships are disbursed on a scheduled basis, loans can often be arranged to fill unforeseen gaps in your budget. Jobs are sometimes provided for the same purpose. If you are granted a loan, be sure to go to the Student Loan Office (E19-225) and sign for it at the beginning of the term. Otherwise it is likely to go away within a month.

Emergency Loans:

During Office Hours

Undergrads: Go to the Financial Aid Office (5-119, x3-4971) to request a loan (which may be approved within a few minutes). Then go to the Student Account Office (E19-215, x3-4132, open M-F 9 AM-5 PM), and finally to the Cashier's Office (10-180, x3-3488, open M-F 9 AM-3 PM). Alternately, you can start at the Student Assistance Services (5-106, x3-4861).

Grads: You can get an advance on your fellowship money if necessary; go to the

Graduate Student Office (3-138, x3-4860). If you are not on fellowship or need a loan, use the procedure described above for undergraduates.

After Hours

Contact the Dean-on-Call (see the *Emergency* chapter), who can clear you for money from the Campus Police emergency fund. If you're off campus the money may even be wired to you.

So the Financial Aid Office Screwed You...

1. Go to the Financial Aid Office (5-119, x3-4971) and talk to them. They cannot lower the amount of the aid package. They might even increase it. It's worth a try if you have a legitimate complaint.
2. Get in on your state loan program; check with the Financial Aid Office. In most cases, the loan will be interest-free until you get out of school, grad school, the Peace Corps, or military service.
3. Have your parents get a loan from a bank.
4. Try to get a term-time job. Check at the Student Employment Office (5-119, x3-4971). Social Security benefits are handled at the Registrar's Office (E19-335, x3-4784).

Special Payments There are special advisors, assigned by last name for undergrads and by schools for grads, in the Student Accounts Office (E19-215). Check for yours in the gray section of your *Student Directory*.

If you are taking fewer than 33 units, you can arrange to pay tuition on a per unit basis. Check with the Registrar's Office for the necessary paperwork. However, if you wait too long before doing the paperwork you will have to pay full tuition. The Deans' Office can also help you if you feel that you have run into extraordinary difficulties and you don't want to pay full tuition (e.g., family emergency that caused you to leave school for seven weeks, then return just in time to flunk your classes). Each case receives individual treatment, and the deans are understanding in cases of genuine problems. Check with the Student Assistance Services (5-106, x3-4861).

Employment, School Year

Finding a job is not too difficult; finding one you like may be a little harder. During the school year over 3,000 undergraduates seek and locate part-time employment on campus ranging from working desk in the dormitories to operating the MIT nuclear reactor. The libraries, dormitories, and dining halls usually hire during the *first* week of each semester. Be on the alert for sign-up meetings and get started early or you will miss your chance. However, even if you do miss the initial sign-up, you can always place yourself on their waiting lists. Openings do appear during the term. If working in Lobdell doesn't appeal to you, check the Student Employment Office (5-119, within the Financial Aid Office). They maintain listings of jobs within MIT and the Boston area. They provide contacts - *you* must follow them up.

You can usually find something you like if you try hard enough. Like most things in life, you get out of it what you put into it. Research projects are also a good supply

of jobs. The work ranges from drudge work to something you can do a thesis on (often within the same job). UROP publishes a booklet each year listing hundreds of professors and labs and their areas of research. The **UROP Directory** is available at the UROP Office (20B-141, x3-7909) or at the Undergraduate Academic Support Office (7-104, x3-6771). Find professors in fields that interest you and start asking. Also check the UROP bulletin board in the Infinite Corridor outside of the Admissions Office (3-108). If you would like to do a UROP project with a professor who is not listed, make an appointment to see him. There may still be research positions available. It may take a while, but you should be able to find something. Funding can come from the professor's research grant, UROP (check the booklet for details), or the College Work-Study Program (CWSP). Since eligibility for CWSP varies, check with the Financial Aid Office. Very often some combination of these is used.

Three jobs that are almost always available:

1. Psychology experiments. Quick, easy, small money. Call x3-5749, check 9.00 lectures, or look for flyers on bulletin boards and in the lobby of building E10.
2. Dietary experiments. Slow, bad-tasting, and restrictive, featuring complete measurement of dietary input and output, big money. Call Edwina Murray (20A-221, x3-4073). Also check posters. Some studies, for less compensation, are for shorter duration and are less restrictive. Some may be restricted to males.
3. Campus publications (including *HowToGAMIT*) are always looking for people to sell ads - it's hard work, but usually pays a commission of at least 15%.

Employment, Summer

Decide what you want to do over the summer before the end of Fall term, so that you can visit hometown firms over the winter vacation and beat the rush (but not by much).

If you're preparing a resume, be clear and precise. Don't undersell yourself, but don't make claims you can't substantiate. Use your good sense and you should be able to present a good resume that will enhance your job chances. Be sure to have some good references in mind. (See *Getting a Recommendation* in *Academics*.) The Office of Career Services and Preprofessional Advising (12-170, x3-4733) will assist you in preparing your resume. Athena has a sample resume which you can just edit and print on the laser printers in the clusters, and it will look as good as one done by a resume-preparing company.

Check your abilities. Do you speak a foreign language? Can you program computers? There are often vacancies available for people with esoteric skills, even when the general job market is bad. You might even try looking for a foreign job.

There are some openings with the state or Federal Civil Services. Unskilled or semi-skilled government work isn't the greatest thing in the world, but it's available and it won't tax your mind. If you want to take a Federal Civil Service Exam, contact the Placement Bureau or call 223-2571 for information (try not to call between 11

AM-2 PM, as you'll probably only get a recording). For state Civil Services, check with the particular state.

Some large cities have MIT alumni clubs which may invite you to a gathering over winter vacation. A good many of these alumni are likely to be in business with jobs available for students from their alma mater. Check with these gatherings if you're looking for an interesting summer job.

The Office of Career Services and Preprofessional Advising (12-170, x3-4734) sponsors interviews with companies who sometimes are looking for summer workers. Check under *Permanent Employment* in this chapter for other resources.

You can usually find a summer job related to your major in Boston or Cambridge if you start looking early. The Alumni Office (10-110) has lists of alumni and where they work. Try contacting them and seeing if they can offer you a summer job. Also, the Student Employment Office (5-119) has listings of summer jobs.

Many students start or continue research projects during the summer. UROP helps fund many of these jobs. Their application deadline comes in mid-April.

If you're around Boston and can't find a job, try some of the odd jobs listed in the *Boston Phoenix/B.A.D.* They might provide interesting non-academic employment (e.g., carpentry, electric wiring).

Employment, Permanent

No matter what you intend to do, get started early. Junior year is certainly not too early to start thinking about graduation and what you plan to do afterwards. Go to some of the Career Fairs and seminars sponsored by various student groups.

The Office of Career Services and Preprofessional Advising (12-170, x3-4733) serves both students and alumni. They sponsor meetings between students and recruiters. Check their office for schedules. They also publish a *Placement Manual* and distribute the *College Placement Annual* (helpful even for summer employment) and have an extensive library of job contacts. *Take advantage of this office!*

If you are interested in a career in law, medicine, or education, there is the Preprofessional Advising and Education Office (12-170, x3-4737). Check under *Prelaw, Premed, and Education Counseling* in the *Academics* chapter.

Your department *should* be able to offer career guidance, and your advisor *should* be capable of helping you sort out possibilities, with special knowledge of your abilities and preferences. Also try the professional societies such as IEEE, ASME, and AIChE.

The Industrial Liaison Office (E38-400, x3-2691) keeps in close touch with companies around the world. Though its main function is not career counseling, but rather industrial liaison, you might try to get an advisor in ILO. Try hard.

The Center for Advanced Engineering Study (9-223, x3-7400), like the ILO, is pitifully underused. Its basic function is to give advanced and refresher education to scientists and engineers working in industry, but you can use it to find out where
HowToGAMIT XXVII

things are in the outside world, who's working on what, and to build contacts with workers in your field.

Banks

BayBank is the most convenient bank for MIT students. They offer a package deal that includes checking, savings, credit, and more. If you're under 19, by law, no bank can charge you fees. Cambridgeport Savings Bank is popular as well, since they have no minimum balances. (Every bank in the area that has an ATM seems to be on the Cirrus network, but most charge you for the privilege of using their card in someone else's ATM.) Most banks require a minimum balance for free checking. "Direct deposit" is a way for your paychecks to be automatically deposited into your bank account. Ask for information at the Payroll Office (E19-510).

Cashing Personal Checks

You can cash personal checks up to \$100 (or larger, with the approval of the Bursar or Assistant Bursar) at the Cashier's Office (10-180, open M-F 9-4). A valid MIT ID is required, there is a 35 cent charge, and no third-party or payroll checks are accepted.

Of course, the bank at which your account is held will cash checks drawn against it free of charge. Banks are generally open 9 AM - 4 PM Monday through Friday, and some feature extra hours each day and/or Saturday.

If your account is in one of the Shawmut banks, your checks cannot be cashed by other banks in the Shawmut Association - you *must* go to your own bank.

Many supermarkets in the area cash checks for a service charge if you have a courtesy card for that store. Apply for one at the customer service booth. The limit on how much you can cash varies from \$25 to \$100 for a personal check, more for a paycheck. Most stores also have cash machines which will let you buy cash on an ATM card (see *Banks*, above) for a 50 cent or \$1 fee.

Credit Cards

Following the national trend toward cashless purchasing, many stores now accept various kinds of credit cards. In addition to the various general cards, such as MasterCard or Visa, there are many store-specific cards such as those issued by Sears, Macy's, Filene's, and many other large department stores. If you are over 18, look around for some of the applications for a Citibank Visa or MasterCard. Other banks also offer cards with special applications for college students. Remember, though, that these companies usually charge an annual fee and interest. American Express cards are the most expensive, and require that you pay your balance in full each month (which is a good idea anyway, if you can do it). Some stores in the area no longer accept American Express. Many cards now come with benefits, such as warranty extensions and discounts on airfares.

There is one notable exception to the hassle over obtaining credit cards, namely the Coop card. Coop cards are easy for students to obtain (check with Customer Service in the Kendall Square Coop), and entitle the owner to full charging privileges at any branch of the Harvard Cooperative Society. As with any credit

card, you have to pay the full amount of purchases charged each month, or pay a monthly finance charge (maximum of 1.5% per month).

Along with credit cards have come credit card thieves, who are expert at changing the signatures and even the photographs on a card, and running up tremendous bills with it. If your credit card is lost or stolen, report it immediately. There is a legal limit of \$50 per card that you can be liable to pay, but the trouble and inconvenience associated with forged charges and getting a new card make it worthwhile to keep careful watch on your credit cards. After you report the loss of a credit card to the bank, you cannot be charged for purchases made on it, even below the liability limit. It is a good idea to keep a list of all credit cards and numbers so that you can report a stolen card.

If you're not sure whether you really want a credit card, consider that many companies are willing to give cards to students with clean credit ratings, whereas after school you need to have a *good* credit rating to get a card, a mortgage, or a car loan, rent an apartment, rent a car, or cash a check. So start building that rating now.

Credit Union

The MIT Credit Union is a federal corporation, not a part of the Institute. The Union is similar to a small savings and loan bank. All permanent employees on the MIT payroll are eligible to become members by buying one share in the Union. The amount of money that can be borrowed on a signature is determined by the length of employment. The Credit Union Office (E19-601, x3-2844) has more detailed information and an explanatory pamphlet.

Income Tax Information

Federal Income Tax forms are generally available in local banks. Massachusetts Income Tax forms are available in post offices. Dewey library often has forms as well. If you can't find the necessary forms, call (see below for phone numbers). You may be required to pay Mass. tax even if you're a non-resident - get the form 1NR and check.

Federal: Check with the Internal Revenue Service in the JFK Building downtown (Government Center, Boston) or call 523-1040.

State: Check with the Revenue Department, Taxpayer Assistance Bureau, Leverett Saltonstall Building (100 Cambridge St., Boston, 727-4545).

International Students: Call the Alien Tax Information Office at 223-3446, or contact the IRS at 523-1040.

Insurance

The most important point is to find a reputable insurance company. This, among other things, means going to a state-licensed agent who represents a well-known company. On many items, rates don't vary at all in Massachusetts. Buy your insurance elsewhere if you can. Beware of agents who add "service charges" on top of the normal bill. Be cautious also about mail solicitations. Above all, don't be afraid to ask questions and make sure you know all the details before signing.

For information on automobile insurance, see *Insurance* in the *Transportation* chapter. For information on medical insurance, see the *Medical* chapter.

Life Insurance If you do decide to buy life insurance, Savings Bank Life Insurance (available at any bank with the words "Savings Bank" in the title) is the best deal you can get as a Massachusetts resident.

Unless you already have dependents, there is absolutely no reason to insure yourself. If you should die before you have paid off your educational loans, they will be waived automatically, and your parents will not be hit with an unexpected debt. Don't be taken in by promises of preferential rates later when you sign up for full insurance; by the time you need it you will have a much better idea of what you want. Check with a lawyer if you want further details.

Personal Property In general, if you are still part of your family's household (i.e., you are still a dependent) then your personal property, including bikes and stereos, will be covered by any standard homeowner's policy. If you are not covered in this way, you can take out a tenant's policy which is generally a "\$50 deductible" policy (i.e., you pay the first \$50 of any loss). The premiums vary from about \$50-100 for about \$7,000 worth of insurance (generally a minimum), so check what you own and decide if it's worth insuring. Certain items, such as computers, might have to be insured by means of floaters, as part of homeowner's insurance.

Operation Identification To reduce the chance of theft (and increase the chance of having your possessions returned if they are stolen), Campus Police is participating in "Operation Identification." Under this program the CP's have electric scribes available for loan, so that you can engrave your Social Security number (ID number) on your cameras, stereos, etc. This permanent marking makes the property readily identifiable as yours, and thus harder for a thief to sell.

Housing

Living conditions can affect both your social and academic success while at the Institute. Accordingly, great care should be taken in deciding where to live, as transfers become increasingly difficult as the extent of the change increases (see *Moving* later in this chapter).

There are four types of housing available to MIT people; dormitories and on-campus apartments, fraternities, MIT affiliated independent living groups, and off-campus apartments. Students with housing problems can find help in the Office of the Dean of Student Affairs, W20-549. For off-campus housing information consult the Off-Campus Housing Service (E32-121, x3-1493).

Dormitories

For descriptions of the various undergraduate dormitories, consult the *Undergraduate Residence Book*, available from the Office of the Dean for Student Affairs (W20-549). You should have been mailed a copy in the summer before your arrival. These descriptions are written by the residents of each dorm, but sometimes they don't capture the whole spirit of a house. The best way to judge is to visit as many dorms as possible during R/O.

The desk staff and house manager can handle a wide variety of problems arising from the physical considerations of the dorm. Some dorms have listings of services provided, either posted or available for inspection. Ask. Complaints about desk staff should be made to the staff captain.

Bicycles Most dorms have a semi-secure place to lock up your bike. However, lots of people use these areas; some may be careless and leave gates unlocked, reducing the security to the level of any back street in Cambridge. New and/or expensive bikes are safer for each additional lock between them and the bike market. See the *Transportation* chapter for more information.

Cooking Many students at MIT enjoy cooking for themselves. The advantages include choosing what, where, and when you eat, and eating cheaper, less greasy food. You can easily save over 50% over Aramark prices, and a thrifty student can cut the cost (and gain in body weight) by 2/3 or more. One disadvantage is that cooking (and subsequent cleaning up) requires lots of time; another may be your cooking skills (or lack thereof). Many students find that getting together with friends to cook can save a lot of time and money.

Facilities for cooking provided by the Institute in dorms range from practically nil to complete kitchens. Be sure to check the cooking facilities of any dorm you are considering, even if you're sure you don't want to cook for yourself. Aramark has changed quite a few minds in this respect. Used refrigerators are common in dorms and are not that hard to come by. Functioning refrigerators can be purchased for \$30-60. Check the ads in *Tech Talk* and on the walls of the Institute. Quite a few students make do with microwave ovens and the like in their rooms as their only means of cooking, so don't give up hopes of cooking for yourself because of lack of kitchen space. The Institute does frown on cooking in dorm rooms, though.

Humidity During the winter, low humidity seems to be quite common in dormitories. If you continually wake up in the morning with a sore throat, try placing a few cans or dishes of water on the radiator. You'll be surprised how fast the water goes away, and even more surprised by what it leaves behind. Small, cheap humidifiers (under \$20) are available in local drugstores. Some ultrasonic humidifiers have recently been considered dangerous; read *Consumer Reports* (available in the MIT Libraries) before you buy.

Liability for Damages You can be assessed for a share of any damages in your suite or floor that cannot be pinned on an individual. This bill must be paid before you can receive your degree.

Locked Yourself Out of Room With the advent of new doors and real locks in some dormitories, it has become much more difficult for the locked-out resident to pick his own lock. If the time-honored Coop card or coat hanger doesn't work, go to the desk and sign out a spare key (which is easier, and less suspicious-looking besides). If the desk is closed, find the night watchman, or, in desperation, call the Campus Police, who have keys to everywhere.

Painting a Room The Institute provides free paint in any of eight colors to residents of East Campus, Senior House, and Bexley, once per year per room. Other dorms may have similar policies; check with your house manager. To get paint, go to your house desk and choose your hues; the paint will be delivered there. Always check with the manager before touching a brush to the wall, as you may be forced to pay to have the walls returned to their original color. One thing to remember is to order paint very early; it takes time to get it.

Pets Pets, with the exception of fish, are not allowed in dormitories. Tolerance of any animal's stay is subject to veto by any member of the living group, as the Housing Office will then have to enforce the regulation. If you want to keep your beloved pet, make sure that your neighbors are not disturbed by noise or smell.

Remodelling a Room Non-destructive remodeling is OK in most cases as long as the room can be restored to its original state. The newer dorms tolerate less self-expression, and painting or building a loft may be considered serious offenses. All lofts must be approved by the house manager, since there are fire code issues involved.

Telephones All dorm rooms now have real phone service. (This was unheard of just five years ago.) MIT's phone system (5ESS digital PBX switching system) allows undergrad dorm residents as well as Ashdown residents to make local and long distance calls from MIT phones. The 5ESS system was installed in the summer of 1988. For those interested in such things, 5ESS stands for Fifth-generation Electronic Switching System.

To call someone at MIT, dial the last five digits of their number: 3-xxxx, 5-xxxx, or 8-xxxx. For local calls outside MIT, dial 9 followed by the seven-digit number. Local calls are included in your dorm rent. For toll-free calls, dial 9-1-800 and the number.

Long distance calls are processed by AT&T College and University Systems (ACUS). To make a domestic call, dial 9 + area code + seven digits; at the tone, enter your ID code. For international calls, dial 9 + 011 + country code + city code + telephone number; at the tone, enter your ID code. You can pick up your ID code at Registration from the AT&T representatives.

For an AT&T operator, dial 190-0. To use a standard AT&T calling card, dial 190-0 followed by the area code + seven digits. At the AT&T-trademarked tone, enter your card number as always. The repair number for outside lines is 611; for MIT extensions it is x3-3654.

Valuables Easily-removable valuables such as jewelry, money, and watches should never be left unguarded in a dorm room, even for a short period of time. On lower floors, keep TV's, stereos, radios, tape recorders, etc. of easy sight through your window --- no point in inviting trouble. Don't forget, MIT is in a big city and that means a noticeable crime rate, even on Dorm Row. The Campus Police can loan you an electric scribe to scratch your name and ID number in your valuables as part of Operation Identification.

Varying Room Costs The Institute gives recognition to the unequal desirability of rooms by charging slightly different rents for different rooms in some dorms. Factors that cause rents to vary include number of people using kitchen and bathroom facilities, common space, closets,

view, elevator service, trash collection, etc. The exact cost of your room will show up on your bill from MIT.

Waterbeds Waterbeds are allowed in dormitories, provided that the floors are deemed strong enough to support them safely. You'll need to get the house manager to approve the model and inspect the installation. As long as you treat the waterbed with care and don't puncture it accidentally, there should be no problems. However, the standard lease for apartments specifically forbids waterbeds. If you plan to move from a dorm to an apartment, check to see if you can take the waterbed with you.

Wild Animals (Squirrels, Snakes, and Bugs) Despite appearances, the squirrels living on the East Campus are *not* tame. Don't leave food lying around your room in cardboard containers or plastic bags --- the squirrels will gnaw through the window frame if they smell anything. Also, some of the biggest cockroaches in the East, as well as assorted mice, caterpillars, mosquitoes, and other vermin, inhabit most dorms, especially during the summer. They won't cause any problem, as long as you keep the windows closed or install a good screen. Anti-roach devices are available at dorm desks. Do yourself and your dormmates a favor and clean up spilled foodstuffs immediately.

Independent Living Groups (Known as **fraternities** and **sororities** at most other schools.) MIT's thirty-three independent living groups are diverse by any standard. Descriptions of each house (written by someone who lives there) can be found in the *Undergraduate Residence Book*, but the only way to get to know a house is to visit it and meet the people.

Rush week

Of those people who pledge fraternities, the vast majority join as freshmen or incoming transfers during R/O Week, although exceptions occur. The Interfraternity Conference (W20-413, x3-2170) can provide more information. Try to ask lots of older students for advice on how to go through R/O. We can't tell you about specific houses (that would be a rush violation), but you can get widely varying advice about how to get the most out of this short period. The only advice we'll give you is that R/O is too short to waste time getting drunk -- and the drinking age in Massachusetts is 21, which is taken seriously by the IFC and the Institute during rush.

Flushing A word about "flushing." Sometimes an ILG will take you aside during R/O and suggest that you look elsewhere. Generally it is not because they don't like you, it is because they don't think you'd fit in with their house. Often, they will suggest another ILG where they think you'd fit in better. However, if you feel that you've been treated unfairly or cruelly, don't hesitate to file a complaint. The Dean's office and the IFC take rush violations very seriously.

Problems

If you are having problems with your fraternity, talk to the ILG advisor, Neal Dorow (W20-501). He can discuss your options (including depledging) and the merits of each. It is more important to live with as few hassles as possible than to bow to social pressure.

Student House

Student House is an MIT-recognized cooperative coed dwelling. Because it is a cooperative, it costs approximately half the MIT estimate for room and board, a savings of about \$2000 a year. Student House often has openings and accepts applications year-round. For more information call, write, or drop by at the House itself (111 Bay State Rd., Boston, x3-3157 or 247-0506).

On-Campus Graduate Housing

On-campus graduate housing is not easy to get. A new graduate dorm (Edgerton House) on Albany St. opened last year. Hopefully, this and future dorms will ease the burden of graduate housing.

Ashdown House Procedures for getting into Ashdown House differ considerably from that of other houses. Graduates may apply as soon as they are admitted; so may those already living here and living off-campus. A lottery is held around June 1 to fill the fall vacancies, and a waiting list is set up, from which the top 20 (more or less) people are usually accepted by August 15. After that, the waiting list is abolished and any remaining spaces are lotteried off during R/O Week (watch for notices). The probability of your getting in at the beginning of the spring term is fairly good (apply in December). Once you have a space, you may stay until you finish your studies.

The summer term at Ashdown is considered separately. Even if you start at the beginning of the summer term, you must apply for the June lottery for fall spaces.

Green Hall Small, all-woman's dormitory. The application procedure is similar to that of Ashdown.

Tang Hall A lottery is held on June 15 to fill vacancies. Chances for getting in are better if occupancy begins during the summer. Apply at the Housing Office (E32-200).

Married Student Housing

MIT housing for married students is in **Eastgate** and **Westgate**. The application process for these units is unique. For information concerning this process, the availability of openings, and a description of their physical facilities, consult the booklet entitled *Welcome to MIT: A Practical Planning Guide for New Graduate Students*, available in the Housing Office (E32-200).

Off-Campus Housing (Apartments) The housing situation around Boston is *bad*. Rents are high, quality is low, and tenant rights are not well established. Be careful when looking for housing, and get all the help you can find.

If you think you want to live in an apartment, or even if you already have one, go to the Off-Campus Housing Service (E32-121, x3-1493). Ask for *A Guide to Security Deposits* and *Shopping for an Apartment*, which are sources of information on the legal and contractual side of renting. Like all OCHS services, it is free to MIT people.

Basically, you will have to:

- 1. Find an apartment.** The OCHS operates a service for helping people find roommates and/or vacant rooms, and they maintain listings of vacant apartments. Plan on checking the lists early and often (like starting in June for a September lease), as the best offerings are taken quickly. There are commercial outfits which can find non-MIT roommates, though OCHS doesn't limit itself to Institute people, either.

- 2. See the apartment.** Sign *nothing* until you are sure that the apartment is suitable and habitable; don't trust any verbal agreement. Also *do not pay* for anything before seeing the apartment.

- 3. Sign an application form and make a deposit.** The larger realty companies require this. It is mostly to ensure that you can pay, but they can refuse your tenancy for very simple reasons, such as being a student, although grounds such as race, sex, age, nationality, or possession of children are illegal. Once you sign the application, the landlord can force you to sign the lease, so read the lease first. On the other hand, there is no corresponding obligation for the landlord; he is *not* under contract until the lease is signed. Don't sign more than one application, or you could be in serious trouble.

- 4. Sign the lease.** If your lease is the standard form of the Greater Boston Real Estate Board, or one of the forms used by several large realty firms, it will be several pages of obfuscatory small print. If you rent from an individual, the form will (hopefully) be short and simple. *Read it*. If something isn't specified, it will work to your disadvantage, you can be sure, and you may be

liable for rent even if it goes up halfway through the year. At the end of the year, you may be forced to rent for another twelve months unless you give notice some specified time in advance. The people who work in OCHS will be happy to examine the lease for you, and explain what the clauses mean and where you may have trouble. A lease is a contract. It can be enforced.

Prices vary widely. Expect to pay at least \$800 per month for an entire apartment, although living with roommates can reduce your cost to around \$400 per month. You will probably have to make a security deposit of one to two months' rent. Leases usually run from September 1 to August 31, (some from June 1 to May 31) so remember that you are also promising to rent for the following summer. Subletting is legal only if the landlord agrees in writing, in which case you are still responsible to him.

It is also possible to rent furnished rooms (possibly including cooking privileges) by the month or even by the week; such an arrangement is called a Tenancy-At-Will. In this case the lease may be terminated by either side as long as written notice is given in advance, usually by the rental period plus one day.

The Off-Campus Housing Service is always ready to handle questions and complaints related to off-campus housing. They maintain files on all kinds of relevant information: which of the local schools are worthwhile, official definitions of adequate heat and water, legal problems such as rent control, furniture stores, and rental agencies. They have telephones on which you can call agents and landlords.

Moving

Generally, the difficulties involved in moving from one mode of residence to another are considerable. You can't move from a dorm to a fraternity unless invited. Finding an off-campus apartment can be a hassle, and once you're out of the dormitory system, it's difficult to get back in; it is advisable to think out your moves carefully. Your best resource and authority is Jack Keefe at the Dean's Office (W20-549, x3-6777). Contact him with questions and to settle administrative details.

Within Your Dorm This is trivial. Consult your house room assignment committee for transfers to vacant rooms. In arranging a swap, make sure you are not violating any priority system.

Between Dorms The simplest way to transfer between dormitories is a one-for-one switch; find someone in your target dorm to trade spaces with you. This procedure is usually easiest between terms, though you can do it anytime. But note that you may not be able to trade rooms, only spaces --- entering into a dorm as a newcomer, you may go to the bottom of its priority list; check with the room assignment chairperson first.

Changing dorms without a switch is a bit more difficult, the chief constraint being available space. In either case, you will need final approval from the Dean's office.

From an ILG to a Dorm If you decide during your freshman year that you wish to move from a fraternity to a dormitory, the Institute's housing policy guarantees you a space. After freshman year, there are no guarantees. Check with the Dean's Office (W20-549, x3-6777). If you leave a ILG you must pay whatever you owe them before obtaining a dorm room. You should, in return, expect a proportionate refund from a fraternity at some time of the year --- but the system varies from house to house.

Leaving the Dorms in Midterm If you get a room in the dormitory system, you are considered financially responsible for that room unless you leave the Institute. In all other cases, a rent refund is not guaranteed; talk to Jack Keefe at the Dean's Office (W20-549, x3-6777). If you withdraw from the Institute you must leave the housing system. During the first 12 weeks

of the term, you get a proportionate refund.

Returning to a Dorm If you want to return to the dorm system after time away from MIT, you should talk to Jack Keefe and *apply early*. Chances of getting a spot are much better fall term than spring.

If you retain your MIT student status while absent from the Institute (for example, Domestic Year Away), you do not generally lose your place in the dorm system, provided that you notify the proper authorities in advance.

Student Law

(See also the *Law* chapter.) Most organized living groups and living group associations (e.g., IFC, Dormcon) have judicial committees, and laws which they enforce. These are student organizations enforcing student rules; consequently their power is limited, though they are backed by higher sources of power. Their regulations are printed and usually given to incoming members of the group. These rules are often quite flexible and subject to waiver for special cases.

If you have received a bad judgment, there are usually several ways to appeal, either within the local system, through the Undergraduate Association or Graduate Student Council Ombudsman, the Dean for Student Affairs Office, or the Committee on Discipline. Usually you should use the appeals procedures of the group involved first before trying any higher power.

Summer Residence

Many people prefer not to go home for the months of June, July, and August. For such people, the situation is far from hopeless. Most dormitories stay open, although they will probably consolidate summer residents to fill one floor or one entry. Be warned that any (noisy) renovations will occur during the summer. This has been particularly a problem for dorms on the east side of campus in recent years. The rest of the space will be filled at times with alumni here for Alumni Weekend, conventioners, or other visitors. The rent is comparable with the regular rent; all this is explained in a handout which is sent to the dormitories in the spring. Some fraternities offer a better deal. Rather than have the rooms standing empty, they will take in people for the summer at low rents. Others are just as expensive as the dorms. Summer sublets may be available - check ads and bulletin boards. Make these arrangements early, since cheap sublets and fraternity spaces fill up quickly.

Activities

Procrastination is one of the main activities at the Institute. We all have too much work to do for our classes and like to find other things to do with our time so we don't have to work. In addition to this, there is a great deal of diversity at the Institute. As a result, MIT has a very extensive choice of co- or extra-curricular activities. There are also many unofficial groups not listed here, so ask around. There's something for everyone, and if you can't find a group for an activity you're interested in, you can always start your own.

Descriptions were provided by groups. Contact information often includes the webpage of the group or the username of the contact person, as phone numbers change too often to be accurate. Check in the back of the Student Directory, in the UA office, or on the ASA webpage (<http://web.mit.edu/asa/www/>) for a current and complete listing of activities. The Activities Midway, held each fall during orientation, is also a good way to learn about what activities are offered. Most activities are open to anyone who is interested, and most are more than willing to teach you about their activity from the bottom up.

Undergraduate Student Government

Graduate Student Council

50-222, 3-2195,

<http://web.mit.edu/activities/gcs/gsc.html>

The Purposes of the Graduate Student Council are to represent the graduate students on all matters pertaining to their general welfare as graduate students; to provide for and promote graduate student extra-curricular activities; to provide for the welcoming and orientation of new graduate students; and to provide a formal means of communication among graduate students.

InterFraternity Conference (IFC)

W20-549, 3-2170,

<http://web.mit.edu/activities/ifc>

The Interfraternity Conference (IFC) is the coordinating body for 33 independent living groups and two sororities. The IFC represents the MIT fraternity system to the Institute community, neighborhood groups, and the local governments of Cambridge and Boston. The IFC provides organization and direction for the fraternity system in dealing with housing issues, community and faculty relations, and interhouse disputes. The organization also provides resources for group efforts such as cooperative buying and pooling useful information and publishes InFoCus, which is distributed monthly, free of charge, to all students.

The Undergraduate Association (UA)

20-401, 3-2696

The Undergraduate Association is the undergraduate student government at MIT. The UA's primary function is to serve as the communication link between the student body and the Institute in matters of Institute-wide is to serve as the communication link between the student body and the Institute in matters of

Institute-wide concern.

All the following groups fall under the jurisdiction of the UA. You may get in touch with any one of them by calling the UA at x3-2696, or feel free to drop by the UA office on the fourth floor of the Student Center, w20-401.

The Undergraduate Association Council (UAC)

The UA Council is the highest ranking legislative body of the Undergraduate Association. With representatives from all the dormitories and from the fraternity system, the Council speaks on behalf of the student body.

The Undergraduate Association Judicial Review Board (JudBoard)

JudBoard is the highest ranking judicial body of the Undergraduate Association. Its members interpret the UA Constitution and judicate over conflicts caused by legislation of the Council.

Association of Student Activities (ASA)

ASA provides advice and assistance to new and existing activities on improving various aspects of their organization, such as recruiting new students and publicizing their events.

Course Evaluation Guide (CEG)

A group which produces a guide to MIT courses. The guide is based on students' opinions of the classes they have taken. Students meet primarily over the summer and IAP to write the guide. They also spend time discussing the format of the evaluations with all the departments.

Nominations Committee (NomComm)

The Nominations Committee is one way through which students can get involved in Institute Committees and in issues that will affect the MIT community. Every year, NomComm interviews and nominates interested students to different institute committees.

Finance Board (FinBoard)

Whether it is buying new equipment or paying for a world famous speaker, student activities require financial assistance to carry out their event or activity. FinBoard provides financial assistance to already existing and newly-established student groups. Most activity groups are at least partially funded by FinBoard.

General Interest Groups

Amnesty International

Jin Kang, jkang@mit.edu,

<http://web.mit.edu/activities/amnesty/home.html>

Part of a world-wide human rights movement independent of political factions and ideologies, hoping to bring rights to those in need around the world through letter writing.

Anime ClubTakashi Komatsu

5-8912, anime-request@mit.edu,

<http://web.mit.edu/activities/anime/Anime.html>

The MIT Anime Club provides regular showings of Anime and an online library of Anime-related text and scanned pictures to its members and the MIT community. For information about the MIT Anime Club, or any showings, call 5-8912.

Assassins Guild

Jeremy Brown, 5-6192, high-council@mit.edu,

HowToGAMIT XXVII

<http://web.mit.edu/activities/assasin/home.html>

We could tell you, but then we'd have to kill you. Just kidding; we're actually a group of people who play live-action role-playing games, lasting from single night games to ten-day-long sagas.

Association of Women Students/Profemina

W20-447, 5-1624

Black Graduate Student Association (BGSA)

Andrew C. Humphrey, 5-8637

Black Students' Union

50-105, 3-5854

Bridge Club

38-376, 3-7740

The MIT Bridge club is a student run organization that provides a relaxed atmosphere for beginners to learn while providing more advanced players a chance to test their bridge skills. Our games are held on Thursdays and Saturdays in the Student Center at 7:30PM with free lessons offered at 7:00PM.

Caving Club

spelunkers-acl@mit.edu,

<http://web.mit.edu/activities/spelunk/home.html>

The Caving Club, also known as the Spelunkers Club on campus, holds the famous "Spelunkers' Tours" during R/O and holds rappelling practices and trips to caves in MA, NY, NH, VA and other places.

Chess Club

5-8760, chess-club-admin@mit.edu,

<http://web.mit.edu/chess-club/www>

Come to play chess; teams are fielded in various exhibitions and other events.

***Coalition Against Apartheid**

Adeeb Shahaa, 5-7278

A group dedicated to bringing about self-determination for all people of southern Africa.

College Bowl

bowl-admin@mit.edu,

<http://web.mit.edu/activities/collegebowl/cbowl.html>

College Bowl is a quiz bowl question-and-answer game with questions on all topics. MIT competes at intercollegiate tournaments and each year hosts an open intramural tournament over IAP. Informal open practices are held weekly. College Bowl is sponsored by the Student Center Committee.

Debate Team

5-8343, debate-request@mit.edu,

<http://web.mit.edu/activities/debate/Debate.html>

The MIT Debate Team members participate in weekly debate tournaments at colleges and universities across America and the world.

Electronics Research Society

20B-119, 3-2060

MITERB is a student-run electronics lab where you can build projects, fix equipment, program computers, or work on almost anything. We have Tektronix scopes, meters, signal generators up to a gigahertz, power supplies, PDP11/34's, a PDP11/v03, and assorted micro computers. We also have a parts stockroom, a printed circuit facility, a machine shop, and a library.

Gays, Lesbians, Bisexuals, and Friends at MIT (GAMI)

50-306, 3-5440,

<http://web.mit.edu/activities/gamit/index.html>

GAMIT hosts study breaks, parties, support groups, and other activities for members of MIT's Gay and Lesbian community.

HANDS

Anna Tonassini, 5-1109 (tty-only),

hands-club-request@mitvmc.mit.edu

The goal of HANDS is to promote MIT-awareness of issues related to deaf or hard-of-hearing people. While doing this, we become familiar with using our hands to communicate (sign language), and we meet numerous well-known individuals in the deaf community. If you ever wanted to learn sign language this is the place to start!

League for Programming Freedom

David Watt, watt@mitvmc.mt.edu

A group which is dedicated to preserving the freedom to develop software that does what users want and to opposing software patents and user interface copyrights. The group advocates a return to the legal system for software that existed a decade ago.

National Society of Black Engineers

1-213, 3-4395

Dedicated to the systematic increase of minorities in the science and engineering professions.

Outing Club

W20-461, 3-2988,

<http://web.mit.edu/activities/mitoc/home.html>

The MIT Outing Club is dedicated to hiking, rock and ice climbing, cross-country skiing, and similar outings. MITOC runs trips most weekends; no experience necessary to join. They also provide backpacking, climbing, hiking, or whitewater paddling gear; maps; and guidebooks for cheap rent to MIT affiliates.

Pershing Rifles, Company C-12

Eric Helvey, 3-154, 3-3205

Part of a national military fraternity dedicated to military skills and professionalism; open to anyone.

Pro-Life

Susan Weakland, 5-8017, bcblue@mit.edu,

<http://web.mit.edu/activities/Pro-life/home.html>

MIT Pro-Life is a student organization devoted to foster respect for human life from the moment of conception, and to promote educational support for the pro-life posture. Our anti-abortion efforts are mainly educational campus-oriented.

Roadkill Buffet

Daniel Zentner, 3-0828, rkb@mit.edu
<http://www.mit.edu:8001/activities/roadkill/home.html>

Roadkill Buffet is MIT's freshest improvisational comedy troupe. Actually a thinly disguised guerrilla revolutionary movement, we delight audiences with our conveniently shrink-wrapped comedy shows a few times each semester. We do short scenes based entirely on audience suggestion: no planning, no preparation, no scripts, no fake blood.

Science Action Coordinating Committee

Grant Emison, 354-2744, emison@mit.edu

Serves to inform the MIT community about the relationship between MIT and the rest of the world, such as housing issues in Cambridge.

Science Fiction Society

W20-473, 8-5126,
<http://web.mit.edu/activities/mitsfs/homepage.html>

The MITSFS Library is the world's largest collection of science fiction and fantasy books, magazines, and tapes. Members may borrow from the Library, but anyone may come in to relax and read.

Share A Vital Earth (SAVE)

Ariel Salomon, 262-5090, asalomon@mit.edu,
<http://web.mit.edu/activities/save/save.html>

The environmental club at MIT, SAVE is involved in advocating, publicizing, and educating about various issues including, for example, rainforests, vegetarianism, and recycling. Think globally, act locally.

Society for Creative Anachronism (SCA)

Vanessa Layne,
dagoura@mit.edu, <http://web.mit.edu/activities/sca/home.html>

MIT borough of the Society for Creative Anachronism, a world-wide living history organization dedicated to reviving the best aspects of the Middle Ages: the glory, the pageantry, and the chivalry. Many practices of the various arts and sciences throughout the Boston area.

Society for Hispanic Professional Engineers

12-170, 3-1332, <http://web.mit.edu/activities/shpe/home.html>

SHPE is a national organization based in Los Angeles that has both university and professional chapters around the nation. We develop networks within MIT, with companies, scientists, and other students across the country to create a knowledge base for our students. We try to help our members develop their careers whether in industry or academics.

Solar Electric Vehicle Team

Mtion Wong, 3-6140, mdwong@mit.edu,
<http://web.mit.edu/activities/solar-cars/home.html>

The MIT SEVT is a student team that designs, builds, exhibits, and races solar and electric vehicles across the country and around the world.

Special Effects Club

John Underkoffler, 3-6852, jh@mit.edu

We practice and promote special effects technology in Film, Video, and

performance art. Our activities include: regular hands-on workshops, assistance for ongoing experiments in new imaging technology, and tool-building; we also offer access to an animation stand, optical printer, cameras, and a specialty darkroom.

Speechteam

Jeanne Tyan, 5-6338, mtbean@mit.edu

An activity focusing upon developing and fostering good communication skills. We compete in tournaments throughout the year in both the National Forensics Association and the American Forensics Association. First timers are welcome!

Strategic Games Society (SGS)

50-316, sgs@mit.edu,

<http://web.mit.edu/activities/sgs/home.html>

Dedicated to the playing of all varieties of strategic games, depending on the tastes of those who show up on any particular weekend.

Student Art Association

W20-429, 3-7019, Edward McCluney

The Student Art Association offers studio facilities and courses in working in many artistic media, including ceramics, photography, drawing, painting, stained glass, and more.

Student Center Committee

W20-311, 3-3916

The Student Center Committee provides social programs for the MIT community, including a 24-hour coffee house, a free Midnight Movie Series, the Strat's Rat Thursday Pub featuring the hottest local bands, a pinball video arcade, and monthly special events including various jazz and comedy acts.

Students for the Ethical Treatment of Animals

5-8340, seta-request@mit.edu, <http://web.mit.edu/activities/seta/home.html>

SETA provides information on animal exploitation, networking to Boston-area animal rights organizations, and promotion of a cruelty-free lifestyle.

Students for the Exploration and Development of Space

W20-445,

3-8897, <http://web.mit.edu/activities/seds/mitseds.html>

Students for the Exploration and Development of Space (SEDS) promotes space and space education. Our major activities include telescope making, educational lectures, astrophotography, and public star parties.

Tech Model Railroad Club (TMRC)

20E-214, 3-3269,

<http://web.mit.edu/activities/tmrc/tmrc.html>

UHF Repeater Association

Richard Brezina, 3-3776,

<http://web.mit.edu/wlxml/www/home.html>

Vegetarian Support Group (VSG)

497-8763, vsg-request@athena,

<http://web.mit.edu/activities/vsg/>

The Vegetarian Support Group, open to all members of the MIT community, provides a forum for discussion of issues concerning the vegetarian community and advocating vegetarian options in MIT cafeterias. Occasionally we get together

for veggie dinners.

Service Groups

Alpha Phi Omega

W20-415, 3-3788, apo-exec@mit.edu
<http://web.mit.edu/activities/apo/index.html>

Alpha Phi Omega (APO) is a coed national service fraternity. Throughout the semester, we do community service around MIT and Boston. Among our regular projects are Registration Day, Book Exchange, and weekend projects at various scout camps. Come join us in the spirit of Leadership, Friendship, and Service!

Circle-K

<http://web.mit.edu/circle-k/www/home.html>

Circle K International is the world's largest collegiate organization dedicated to community service and leadership development. The co-ed club also offers professional contacts and several scholarships. With its affiliations with Kiwanis and KEY Club, Circle K is an exciting way to meet people everywhere and provide valuable services while having fun.

Educational Studies Program

253-4882, <http://web.mit.edu/edsp/edsp/www>

The MIT Educational Studies Program has been running experiments in education since 1957. Some of these have been so successful that we keep running them. Our ongoing projects give you a wide variety of teaching opportunities, ranging from a two hour talk on your favorite hobby to an eight week, 72 hour course in Calculus.

Entrepreneurs Club

253-2000, eclub-request@mit.edu,
<http://web.mit.edu/activities/e-club/eclub-home.html>

The E-Club hosts weekly brainstorming and networking meetings throughout the year. The Club also co-organizes the annual MIT 10K Entrepreneurial Competition, which awards a \$10,000 grand prize to one student team with the best new venture idea presented in a business plan.

Habitat for Humanity

Adam London, aplondon@mit.edu

A group of students striving to eliminate poverty housing by building and renovating houses in the community and by raising awareness to the millions of people who live without adequate shelter.

Hunger Action Group

Greesha Krishnan, 5-6307, geetha@mit.edu

The MIT Hunger Action Group does local volunteer work, such as manning a canned food drive and organizing educational talks and forums about the needy in the area. Anyone can join.

Lecture Series Committee

<http://web.mit.edu/lsc/www/>

The Lecture Series Committee projects four films each weekend during the semester to fund our famous lecture series. Join an MIT tradition that's been going on since 1944.

Student Information Processing Board

HowToGAMIT XXVII

W20-557, 3-7788,

<http://web.mit.edu:8001/sipb/sipb.html>

Students for Choice and Reproductive Freedom

cmwood@mit.edu

MIT Students for Choice and Reproductive Freedom is a group of more than 200 students, staff, and others who support a person's fundamental right to choose in matters of reproductive freedom, particularly abortion and contraception. We keep people informed by distributing information through email, arranging speakers, and participating in demonstrations.

Technology Community Association

W20-450, 3-4885

An understaffed group of volunteers dedicated to serving the MIT community and charities throughout the world; runs campus wide Red Cross blood drives, UNICEF card sales, a year round book exchange, discount concert tickets, and other charitable activities. Also produces this book and the Freshman Picture Book.

Publications and radio

Alternative News Collective

W20-413, 3-0399

The Alternative News Collective is a group of MIT students, alums, and community people dedicated to creating an articulate source for progressive news and viewpoints at MIT and in Cambridge. The *Thistle* is the main focus of our work, although we also sponsor talks and movies, and we assist other progressive groups in their effort to have their voices heard.

Counterpoint

5-7232,

<http://web.mit.edu/activities/cpt/home.html>

Counterpoint is the MIT/Wellesley Journal or Rational Discourse and Campus Life. They welcome discussion of a wide variety of topics from all points of view.

Radio Society (W1MX)

3-3776,

<http://web.mit.edu/w1mx/www/home.html>

Covers the entire range of interests in amateur radio; activities include DX, traffic nets, RTTY, MARS, OSCAR, and casual operating by individuals. Sponsors ham radio license exams which are given the third Wednesday of every month at MIT.

Student Cable Group 2-1694, <http://web.mit.edu/activities/sctv/scg-home.html>

The Student Cable Programming Group produces a wide range of television programming available on MIT Cable Channel 36. Students play every role in television production—from direction to acting to technical work—on several continuing shows, and anyone is welcome to create their own show.

The Tech

W20-483, 3-1541

MIT's student newspaper, with meetings Sunday, Monday, Wednesday and Thursday nights. No experience necessary!

Technique

W20-451, 3-2980, <http://web.mit.edu/activities/yearbook>

The Yearbook of the Institute. Each year a whole bunch of photographers and staff

HowToGAMIT XXVII

get together for free pizza and Chinese food. Since eating doesn't take that long, they publish a yearbook on the side. Totally student run. Award-winning photographers. Best darkroom on campus. Meetings Saturdays at noon.

WMBR Radio

3-4000, wmb@mit.edu, <http://wmb.mit.edu>

WMBR offers the opportunity to learn all about music and the music industry, radio engineering, audio production techniques, hand-on electrical engineering skills, news reporting, or even how to manage a small corporation. Our unique programming method allows our 75+ producers to have any show format they desire.

Voodoo (MIT humor magazine)

50-309, 3-4575, voodoo@mit.edu

<http://web.mit.edu/voodoo/www/>

VooDoo Magazine produces the quarterly tome "VooDoo, MIT Journal of Humor", the only intentionally humorous publication on the MIT campus. Submissions of cartoons, comics, drawings, photographs, opinion columns, prose, stories, and jokes are accepted all-year-round from any past-or-present MIT affiliate (students, alumni, faculty, and staff).

Music, Theater, and Dance

Ballroom Dance Club

8-6554 <http://web.mit.edu/activities/bdclub>

The MIT Ballroom Dance Club holds weekly Sunday afternoon lessons in ballroom dances, such as the waltz, swing, rumba, mambo, and hustle. Other activities include parties, outings to Boston area ballrooms, and a live band semiformal. While most members dance socially, some compete and have won regional and national championships. No experience or partner required.

Chorallaries

Victor Holmes, 648-0264,

<http://web.mit.edu/activities/choral/>

An *a cappella* singing group for anyone in the MIT community. Male and female students sing fun modern and pop at four public concerts each year.

Concert Band

3-2826

The Concert Band, founded in 1948 and continuously conducted by John Corley, is made up of 80-90 students who play original works for wind ensemble. Rehearses Monday, 5:30-7:30PM, and Wednesday, 8-10PM. May be taken for credit.

Cross Products

494-1434,

<http://web.mit.edu/activities/cross-products/home.html>

The Cross Products is a coed, Christian *a cappella* singing group. Our purpose is to glorify God and proclaim his word through songs and skits. We usually present one concert per term, and also perform at other times and various places during the year.

Dramashop

ds_officers@mit.edu, W16-018, 3-2908,

<http://web.mit.edu/dramashop/dramashop-home.html>

Dramashop is a co-curricular theatre group that pursues the making of theatre as a collaborative, exploratory process. Dramashop produces two major productions throughout the year (IAP and Spring), and the Fall Student-Written, Student-Directed One-Acts. There are unique and exciting opportunities for students to act, direct, playwright, design, and tech with faculty support in an environment that is professional, encouraging, friendly, and FUN!

Folk Dance Club

3-FOLK,

<http://web.mit.edu/activities/fdc/home.html>

The Club sponsors three nights of folkdancing each week from 7 to 11 PM: Sundays, International; Wednesdays: Israeli; and Tuesdays: Advanced balkan. Beginners are always welcome, we teach each night! The Performing Group participates in various festivals and special functions in the Boston Area. Join us and have fun!

Gilbert and Sullivan Players

Adam Lindsay, 3-0190

<http://web.mit.edu/activities/fdc/home.html>

A group of actors, instrumentalists, and stagecrew dedicated to performing the works of Gilbert and Sullivan. The repertory group produces one new major show each term, and holds numerous informal sing-throughs.

Guild of Bellringers

3-5349,

<http://web.mit.edu/bellringers/www/index.html>

Change ringing on handbells (Monday nights in Lobby 7 all year), and on the tower bells of the Old North Church. Beginners always welcome.

Logarhythms

536-1706, logarhythms@mit.edu,

<http://web.mit.edu/activities/logs/home.html>

The Logarhythms are the male *a cappella* singing group at MIT, founded in 1949. Since then the Logs have roamed the width of the US (and England too), performing for high schools, alumni, colleges, and even on television and radio.

Muses 5-8521, <http://web.mit.edu/activities/muses/home.html>

The Muses are a campus all-female *a cappella* singing group.

Musical Theater Guild

W20-453, 3-6294,

<http://web.mit.edu/activities/mtg/mtg-home.html>

The largest and oldest student theater group, dedicated solely to the production of stage musicals. The group holds four productions a year, which are planned and run entirely by students.

Shakespeare Ensemble

W20-421, 3-2903,

<http://web.mit.edu/activities/ensemble/home.html>

The Ensemble is a group of undergraduate and graduate students dedicated to theater production at MIT, with an emphasis on the works of Shakespeare. The ensemble traditionally produces two full-scale shows and two scene nights each year. Ensemble members and apprentices are involved in all aspects of production.

Tech Squares W20-437, 3-7000, <http://web.mit.edu/activities/tech-squares/>
A-Plus level, Western style, singles, square and round dance club. No partner, experience, or special clothing is required. A crash course for beginners is taught by a nationally known caller during both the fall and spring semesters.

Toons

toons-request@mit.edu, Juli Schmidt, 3-4887.

<http://www.mit.edu:8001/activities/toons/>

Toons, established five years ago, is comprised of MIT and Wellesley students who get together, harmonize, and have fun. Our style includes everything from 60's music to the present, from Paul Simon to Madonna, from the Beatles to Mary-Chapin Carpenter. If we like it, we sing it. We perform at MIT, Wellesley, Faneuil Hall, and anywhere else we are invited. So far this year we've performed at Tufts University, BU, and Williams College. We are currently working on cutting our first CD.

Religious Organizations

Baha'i Association

<http://web.mit.edu/mitba/www/home.html>

A world-wide religion which is not a sect of Judaism, Islam or Christianity. Founded in the 19th century by the prophet Baha'u'llah, it teaches that there is one God, from whom all the religions in the world come.

Baptist Student Fellowship

5-8345,

<http://web.mit.edu/bcs/www/home.html>

A group of students seeking to find and implement God's purposes for them and their word. It provides opportunity for an inward journey of spiritual growth and an outward journey of services to others.

Black Christian Fellowship

Saladin Patterson, 629-2432

A Bible study and fellowship group to help Christians relate in an MIT environment. The club is not restricted to blacks; rather the group teaches and practices the cultural type of humanity often practiced in churches of Black Churches of America.

Campus Crusade for Christ

252-1781,

<http://web.mit.edu/mitccc/www/home.html>

We are a nondenominational evangelical Christian fellowship that seeks to help people grow in their walks with God through bible studies, weekly fellowship, conferences, retreats, prayer meetings, and personal discipleship times. We are committed to equipping one another for sharing the love of God with other students.

Chinese Bible Fellowship

Chris Tserng, freemer@mit.edu

<http://web.mit.edu/mitcbf/www/>

Affiliated with the Chinese Bible Church of Greater Boston in Lexington. We're a group of undergraduate and graduate students seeking to spur one another on to obey and know Christ in fellowship, discipleship, evangelism, and worship, through Bible studies, prayer meetings, community service, and other activities.

Christian Science Organization

Karen Greig, 5-8464

We welcome Christian Scientists and those interested in Christian Science who are entering or attending the Institute to unite them in bonds of closer Christian fellowship, and to encourage and inspire them to exemplify the truths of Christian Science in their daily lives!

Hillel

W2A, 3-2982

Hillel is an umbrella organization for Jewish activity at MIT. Our program provides social, religious, cultural, educational and community service options - everything from barbecues and ice skating to High Holiday and Shabbat services.

Korean Christian Fellowship

Samuel Kwon, 5-7317, smkwon@mit.edu
<http://www.mit.edu/mitkcf/www/home.html>

The KCF aims to provide the MIT community, particularly the Korean community, with a group which can witness the saving grace of Jesus Christ. Affords an opportunity for all Christians on the campus to deepen and strengthen their spiritual lives through Bible study, fellowship and prayer with other members of the body of Christ.

Lutheran Bible Fellowship

3-0159

We are a community which gathers for worship on Wednesdays at 5:10pm in the chapel, with a supper following. People from many different traditions work and worship with us. We are interested in exploring the meaning of Christian faith in a modern, technological society.

Lutheran-Episcopal Ministry

W2A, 8-0108 or 3-2983

A community which gathers for worship on Wednesdays at 5:10pm in the chapel, with a supper following. People from many different traditions work and worship with them.

Maranatha Christian Fellowship

3-2175

It is our goal to devote our lives to doing God's will and getting to know him better. Bible studies meet every Wednesday at 7 PM

Orthodox Christian Fellowship

orthodox-acl@mit.edu

The principal purpose of the OCF is to lead Orthodox Christian students to a deeper understanding of the Orthodox Faith as revealed by our Lord and Savior Jesus Christ and as expounded by the Holy, Catholic and Apostolic Church and to Offer an opportunity to Orthodox Christian students to become more fully acquainted and informed about their Orthodox Tradition.

Pagan Students Group<http://www.mit.edu/activities/psg/home.html>

PSG is a support group for Pagans in the MIT community. In addition to organizing meetings or rituals at new and full moons and on the eight solar holidays, we work to improve the image of paganism in our community. Paganism is an affirmation of

HowToGAMIT XXVII

the beauty and sacredness of life on this earth, and of our unity with it.

Tech Catholic Community

W11, 3-2981,

<http://web.mit.edu/tcc/www/index.html>

Over 500 students of the TCC gather for worship on Sundays and seek to live the good news of Jesus Christ within the historic tradition of Roman Catholicism. At other times we gather in smaller groups for study, prayer, fun, and service to others.

United Christian Fellowship

2-1782, Jim Derksen, jderksen@mit.edu,

<http://web.mit.edu/ucf/www/home.html>

United Christian Fellowship strives to help others respond to the good news of God's work through Jesus Christ. We try to develop faith, maturity and discipline of believers and emphasize our responsibilities to the world-wide Christian community.

Sports

Archery Club

John Derlin, 5-7657

Meets three times a week, shooting indoors at 20 yards, and informally at other times. All levels of experience are taught and practiced; anyone is welcome. The club has its own equipment.

Boxing Club

3-2440

Meeting throughout the year, 5 times per week during the competitive season and 3 times per week in the remaining months. Coach with international amateur and Olympic boxing experience emphasizes training to develop competitive fitness levels and scientific boxing techniques. Graduate and undergraduate men and women are encouraged to join.

Cycling Club

5-2988, <http://web.mit.edu/people/morell/cycling.html>

The cycling club is a racing team open to all undergraduate and graduate students. The racing season begins in early spring; however training is year-round. No experience necessary.

Figure Skating Club

Antoinette Edmondson, antnet@mit.edu

<http://www.mit.edu:8001/activities/skating/home.html>

The MIT Figure Skating Club and Ice Dance Club are open to all members of the MIT community who can skate forwards and (sort-of) backwards and have an Athletic Card. We offer group lessons for beginners on Saturday mornings and practice time for figures, freestyle and dance. Club members are welcome to participate in our annual show in March.

Ice Dance Club

3-4046, Bill Rowe,

<http://web.mit.edu:8001/activities/skating/home.html>

Ice dances are set patterns of steps set to music such as waltzes, tangos, foxtrots, etc. As a member of the club you may join us at our Saturday and Sunday ice

dance sessions at the MIT rink and participate in beginner and advanced lessons taught by a pro.

Skydiving Club

<http://www.mit.edu:8001/activities/skydive/home.html>

We are a group of students who are interested or actually do participate in the fantastic sport of skydiving.

Tae Kwon Do Club

Matt Swift, swift@mit, <http://web.mit.edu/tkd/>

The MIT Tae Kwon Do Club was founded in 1978 by Master Chun Sun Kang, son of Grand Master and 10th degree black belt Suh Chong Kang. We are the oldest and largest martial arts club at MIT, and we welcome all members of the MIT community. We practice MWF 7p--9p in the Martial Arts Room and Sunday 4-6 in the T-club Lounge, both on the 2d floor in Dupont Gymnasium. In warm weather we practice outside near Kresge Auditorium. Dues are \$60 three times yearly for those who can afford it.

International and Ethnic Student Groups

African Students Association

1-800-AFRICA, africans@mit.edu

<http://web.mit.edu/afs/athena/activity/a/africans/www/home.html>

The African Students Association strives to effect proper communication among African students at MIT, promote relationships between African students at MIT and the MIT community, sponsor activities that will bring African culture to the MIT community, and co-operate with other student associations at MIT, and elsewhere, when appropriate.

Arab Student Organization

5-9824,

<http://web.mit.edu/activities/arab/homepage.html>

Holds social events and lectures to allow the members of the Arab community to come together, and to share Arabic culture with the MIT community. The emphasis is on spreading culture; the group is non-political. Anyone can join the group. Meetings are once a month.

Armenian Student's Organization

armenia@mit.edu

Aimed at sharing and promoting Armenian culture at MIT. The club holds several social functions throughout the year and is open to the entire MIT community.

Association of Taiwanese Students

<http://web.mit.edu/activities/mitats/ats-home.html>

ATS is a social club formed primarily of undergrads interested in Taiwanese culture. Activities include: celebration orgies (New Years and other festivals), devouring food (study-breaks), embarrassing ourselves (Karaoke) and informational lectures. Our objective is to cultivate interest in the Taiwanese culture, and, at the same time, promote friendship among members.

Brazilian Students Association

9-7966,

<http://web.mit.edu/activities/brazil/home.html>

Holds major activities on campus to educate the MIT community about Brazilian

100 Activities

culture. Annually in February they hold the "Carnaval do Brasil," a big party based on Brazilian themes, similar to the New Orleans' Mardi Gras, but involving the entire country.

Caribbean Club

<http://caribbean-www.lcs.mit.edu/caribbean-www/cclub/cclub.html>

A social organization which organizes study breaks and dinners, especially to promote the cultures of the Caribbean. Anyone can join the group. The club sponsors at least four events a semester, and hosts a "Caribbean Weekend" each year.

Chinese Students Club

Beth Chen, pux@mit.edu,

<http://web.mit.edu/activities/csc/csc.html>

Promotes interaction between Chinese students and those who wish to learn more about Chinese culture. CSC encourages an international understanding of the Chinese heritage and fosters a friendship with Chinese people through intellectual, cultural, and social activities.

Club Argentina

Diego Hoic, argentinos-request@mit.edu

This is a club where people from Argentina meet in order to get in touch with other argentinians in Boston. We have irregular meetings, which we advertise by way of our mailing list, argentinos@mit.edu.

Club Latino

Feniosky Pena, feniosky@iesl, 3-8837

The purpose of our organization is to offer a forum for social, cultural, and gastronomical interaction of all those interested in Iberoamerican issues, without any national distinctions.

Filipino Students Association

Marie Castro, mandm@mit.edu,

<http://web.mit.edu/activities/mitsfa/homepage.html>

The Filipino Students Association offers friendship and services to Filipinos who are away from home and to others who are interested in Philippine affairs and culture. We also network with Filipino students from other Boston area universities and with the local Filipino community.

Hansori

Minjoon Kouh hansori@mit.edu

Hansori, meaning a unified or a great voice in Korean, is a group of Korean undergraduates and graduates with deep enthusiasm in finding their identity through learning their culture and history. Hansori's activities include study of modern Korean history, publication of its own magazines, installation of Korean software on Athena, and performing Poong Mool. These activities are aimed at the eventual contribution to the formation of a more harmonious and culturally-rich community at MIT. The group was formed four years ago, receiving an official recognition in spring 1994.

Hong Kong Students Society

<http://web.mit.edu/hkssmit/www/>

An association to let students interested in the exciting city Hong Kong gather

together in barbecues, picnics, study breaks, and joint-school banquets. Anyone interested is welcome to join.

International Students Association

<http://web.mit.edu/activities/isa/isa-how.html>

Tries to increase the MIT community's awareness of international students. They organize seminars to bring Americans and internationals together, and to relate to international concerns, such as how to get jobs in the United States.

Korean Students Association

5-7323, KSAmembers@mit.edu

Exists to provide opportunities for Korean students to explore their common culture and ethnic background as well as promote the friendship and understanding of the Korean culture and people within the MIT community.

La Union Chicana por Aztlan (LUCHA)

<http://web.mit.edu:8001/afs/athena.mit.edu/activity/l/lucha/www/homepage.html>

The purpose of LUCHA is to pursue the following objectives: to fight for the advancement of Chicanos in education; to educate the MIT community on the issues affecting Chicanos; to provide a sense of community for Chicanos at MIT; to maintain an active role in the East Coast Chicano Student Forum (ECCSF) by assisting other Chicano organizations in their efforts; and to maintain an active role in the MIT minority community.

Republic of China Student Association

Shun-Min Lee, 3-9737, samsmlee@mit.edu,

<http://web.mit.edu:8001/afs/athena.mit.edu/activity/r/rocsa/www/rocsa-home.html>

Promotes better social understanding and cultural interactions between its members and the general MIT community. It also provides a formal means of communication with other organizations on and off campus.

Sangam (Indian Students Association)

3-0391, <http://web.mit.edu/activities/sangam/home.html>

Sangam is one of the oldest student organizations on campus. Our aim is to provide a platform for Indian students for social, cultural, and political exchange. We also aspire to help the incoming students from India settle to their new environment. Come join us and have a peek into the rich culture and heritage of India, authentic Indian food and some quality fun times!

South Asian American Students (SAAS)

Hemant Taneja, hemant@mit.edu

SAAS is the largest group representing South Asia on MIT's campus. SAAS is open to all students interested in getting a taste of South Asian culture. Our organization consists of Indians, Bangladeshis, Pakistanis, Sri Lankans etc. We were founded with the purpose of celebrating the diversity of South Asian culture and providing students in America with the opportunity to promote social interaction with South Asian students and students of other backgrounds.

Departmental and Honorary Societies

American Nuclear Society

Bill Hollaway, 3-4218

A 14,000+ worldwide membership organization devoted to the advancement of nuclear technology. Membership in the American Nuclear Society (ANS) offers

HowToGAMIT XXVII

102 Activities

the opportunity to interface and become acquainted with all levels of the nuclear community through the ANS national organization.

Eta Kappa Nu

38-473, 3-4645

National electrical engineering honor society.

Pi Tau Sigma

3-2305, <http://web.mit.edu/groups/pts/home.html>

National Honorary Mechanical Engineering Fraternity.

Society of Physics Students

evanmf@mit.edu

SPS is a professional physics organization for undergraduate students. The goals are to promote a community within the group of people who are interested in physics, and to try to bring physics to the larger community in which we live (this includes both MIT and larger communities like Cambridge). Towards these goals we run events ranging from Professor dinners (where about a half dozen undergrads go out to dinner with a physics prof. and just have fun discussing what ever topics come up (undergrad life... what is grad school like... should we change junior lab)) to Zone meetings with AIP (American Institute of Physics) where students get to hear talk on a variety of physics topics and can present their own research if interested. This organization is not limited to physics majors. Any who are interested in physics may join.

Society of Women Engineers (SWE)

W20-447, 3-2096,

<http://web.mit.edu/activities/swe/home.html>

SWE is an international organization dedicated to support engineers and scientists. MIT SWE supports the objectives of National SWE with career guidance, professional development, and friendly support. Some of SWE's activities are the annual Career Fair, guest speakers workshops, members' Resume Book, and Faculty Social Hour.

Tau Beta Pi

Derek Mayweather, 3-4644,

<http://web.mit.edu/tbp/www/home.html>

Engineering honor society. All engineering juniors in the top eighth of their class and all seniors in the top fifth are eligible to become members.

How To Get Around MIT
is presented by

T.C.A.

Technology Community Association

TCA is a group of hardworking volunteers, dedicated to improving the lives of MIT students, and of those in the communities around us. TCA publishes *HowToGAMIT* and the Freshman Picture Book, and runs 5 annual blood drives in conjunction with the Red Cross.

TCA is always looking for members, so if you if you would like to help out in any way, please call our office at x3-4885, e-mail one of our officers at amon@mit.edu or ddif@mit.edu, or attend one of our meetings. They are held every Thursday during the term in the TCA office (W20-450) at 7pm.

Come join one of MIT's most important organizations!

Athletics

The MIT athletic programs stress participation and enjoyment rather than the specialized honing of selected intercollegiate teams. Nevertheless, participants and coaches tend to be very dedicated, resulting in excellent teams. All members of the MIT community are welcome to use the athletic facilities and to receive trained assistance in developing their full potential. The programs offered include intercollegiate and intramural sports, physical education classes, private and group instruction in various sports, and recreational facilities of exceptionally high quality. See **Services for Children** in the **Facilities** chapter for athletic facilities for children.

Who's Who in Athletics

Athletic Department (W32-109, x3-4498)

Richard Hill (W32-105, x3-4498), Director of Athletics, is responsible for overseeing MIT's intercollegiate, intramural, and club sports programs. He and his staff will be the people to talk to if you want to form a new team.

Francis O'Brien (W32-115, x3-4498 & x3-5007), is the Assistant Director of Athletics and also a baseball coach.

Jane Betts (W32-115, x3-4920) is the Women's Intercollegiate Athletic Director.

Dave Michael (W32-127, x3-7947 & x3-4489) is the Supervisor of Intramurals, the ski coach and the WSI/SCUBA instructor.

(W32-004, x3-2914 & x8-6199) is the desk and phone number of the Equipment Manager. He works at DuPont desk. He can make life rough on teams or individuals who don't return equipment on time. He can also make life easier if you're nice, so smile.

Paul Grace (W31-120, x3-5272 & x3-4908) is the coordinator of Sports Medicine.

Athletic Facilities

Use of MIT athletic facilities is open to any member of the MIT community who has purchased an athletic card. At \$20 for students, \$105 for faculty and staff, and \$210 for alumni, the card is one of the best bargains in the Boston area. Athletic cards entitle the holder and his immediate family (\$20 extra for students, \$50 extra for faculty/staff, and \$75 extra for alumni) to virtually unlimited use of all athletic facilities except the sailing pavilion. Card holders may even bring guests (\$1 for students, \$2 for others). Cards may be purchased at the DuPont Athletic Center or the Alumni Swimming Pool. All MIT facilities are coordinated from DuPont (W32-121, x3-4916). Unless reserved for intercollegiate or intramural use, all facilities are open to athletic card holders on a regular basis. **Note:** Possession of a small craft card is required for use of the sailing pavilion and crew boathouse facilities. For schedules, contact the individual facilities.

Howard Johnson Athletic Center which opened in fall 1981, has a hockey rink on the first floor and a field house on the second floor. The field house has a track with

tennis and basketball courts in the infield.

DuPont Athletic Center has several facilities including squash courts, a workout room, an exercise room (including high and parallel bars, a judo mat, and a horizontal ladder), a fencing room, a wrestling room, a large gymnasium (which is used for everything from registration to final exams to basketball), a 31 firing-point shooting range (rifle and pistol), lockers, showers, sauna facilities, and various smaller rooms. For information on any aspect of the Center, call x3-4916 unless you are an instructor wishing to use the gymnasium for finals, in which case you should call the Schedules Office (E19-338, x3-4788). The equipment desk at DuPont sells some small athletic items, often below list price. Other services include skate sharpening, racket restringing, and general equipment work.

The shooting range located in the basement of the DuPont Athletic Center is one of the finest in the country. Fifteen points are available for pistol, and calibers up to .45 ACP are allowed. (Sorry Desert Eagle .50 Magnum owners.) For air pistol practice, single shot pneumatic pistols are available, and for rimfire pistol, venerable Smith & Wesson Model 41's are on hand. Both a pistol team and club exist for your shooting pleasure, and during the winter many international-style tournaments are held for those interested in formal competition. For those of you wishing to qualify for your Massachusetts carry permit, the official pistol course offered by the MIT Athletic Department is far and away the simplest means. In addition to the pistol range, 16 points are also available for smallbore rifle fire. For details on the various programs, contact the Rangemaster (x3-3296).

The training room (Sports Medicine) (W32-015, x3-4908), for both men and women, is in the DuPont Athletic Center. It is available to all members of the MIT community, but a referral from the Medical Department is required. Facilities include a whirlpool bath and exercise bench equipped with elastic bands for extension and flexing exercises. See the trainers if you have muscular aches and pains.

Squash courts are in three locations. There are eight courts at the Alumni Pool, six courts at DuPont, and two courts at Walker Memorial. The courts at Walker are open to women, but there are no locker or shower facilities for them there; the nearest facilities are at the swimming pool. The reservation number at the swimming pool is x3-4489 and at DuPont it is x3-2914. The Walker courts are not scheduled and are rumored to be open all night.

Tennis courts are mainly on Briggs Field. They can be reserved (in season) by calling x3-2912, 12-2PM daily, one day in advance. Near Walker there are four paved courts which may be reserved by going to the East Campus desk. Don't call; you have to sign up there. The four indoor tennis courts in the J. B. Carr Center (the tennis bubble) may be reserved by students only, no more than 48 hours in advance, for the hours of 2-6PM at no charge. At other times, and for non-students at all times, a fee of \$8 or \$9 per court is charged. Call x3-1451 for reservations. For all the courts it is a good idea to make reservations as early as possible because they go fast.

Rockwell Cage has a new floor surface which can be set up for volleyball and

intramural basketball. The Cage hosts the Athletic Midway in the fall.

Henry G. Steinbrenner Stadium has an excellent cushioned 400 meter (1/4 mile) track which is great for running on if you don't mind going around and around. It can be slippery when cold, even though it's supposed to be all-weather. Field events, football, soccer, lacrosse, and field hockey are played inside the oval.

Briggs Field is that empty lot between Vassar Street and Amherst Alley on the west side of campus. It's the place to go for baseball, softball, tennis, soccer, lacrosse, rugby, field hockey, and intramurals.

Alumni Pool (Building 57, x3-4489) is open at different times of the day for physical education classes and open swimming with family swimming on Fridays and Saturdays. Diving is sometimes allowed at the lifeguard's discretion. The pool has shower and locker facilities. Towels are provided. The hours vary according to the time of year. If you want to swim on a particular day, call the pool and ask what time free swimming is. You can also pick up a schedule of hours at the pool.

The Sailing Pavilion is the only facility where an athletic card won't get you in. You have to have a nautical card, which can be bought at the Cashier's Office (10-180) and costs \$15 for students, \$45 for employees, and \$55 for alumni, with an additional \$5 charge for each family member who will use the card. To be an active member you must also have passed the small craft swimming test. For more information call x3-4884.

The sailing pavilion has several boats of various kinds for which different levels of expertise are necessary to sign them out. There are also sailing classes (see below) along with individual instruction. Sailing is very popular at MIT, especially during the spring and summer months.

Pierce Boathouse (W8, across from Burton House, x3-6245) is the center for sweep-rowing and sculling. It has an indoor rowing tank and weight rooms. It is possible to take out a single or double scull if you have a small craft card and know how to scull. To get a small craft card, go to the swimming pool and take the small craft swimming test.

Shower facilities The shower facilities in DuPont, at the pool, and in the boathouse come in handy. Lockers are available: \$5 for students, \$10 for faculty/staff, plus a \$3 deposit on a lock.

Publications and Administration

A listing of varsity, junior varsity, and freshman sports; their seasons; and their coaches can be found in the *MIT Registration Material* along with the listing of gym courses. More detailed information can be found in the *MIT Student Activities Directory* (available from the Undergraduate Academic Support Office, 7-104) and a reprint of its Athletic section which the Athletic Department (W32-109) has available.

The highest student authority in MIT athletics is the **MIT Athletic Association**. The members are its President, Secretary, two members-at-large, the Varsity Club, the Intramural Council, and a representative from each MITAA Club. The MITAA

sponsors the NCAA Volunteers for Youth, which is a big brother/big sister program for helping junior high school children with problems at school or home. The MITAA is also responsible for keeping its member organizations in line. Its executive committee reviews and evaluates budgets, scheduling, facilities, student morale, outside publicity, and the Physical Education Program. Let them know how you feel.

The **Intramural Council**, mostly representatives from each eligible organization, meets at least once per month to handle intramural affairs and to elect intramural managers. The Executive Board handles protests and updates the IM handbook.

The **Varsity Club** consists of captains and managers of recognized Institute Teams. It designates recipients of the straight T, an outstanding athletic achievement award. It publicizes and recruits for intercollegiate sports and helps out with intercollegiate sports events.

Varsity Sports

There are 35 varsity sports at MIT. Most sports have a freshman or JV squad. Teams generally practice 4--6PM or 5--7PM on weekdays. Some crew teams will have morning practices, notably the lightweight squad. Many teams that compete in the spring go to Florida for a few weeks of winter practice over IAP. Interested in being on a team? Go to the Athletic Midway during R/O week or call up the coach today. You can call x3-4498 to find out the coach's name and number or check the list in your registration material.

The current sports are:

Baseball	Hockey	Squash
Basketball, M&W	Lacrosse	Swimming, M&W
Crew, Heavy and Light, M&W	Pistol	Tennis, M&W
Cross Country, M&W	Rifle	Indoor Track
Fencing, M&W	Sailing, M&W	Outdoor Track
Field Hockey, W	Skiing, M&W	Volleyball, M&W
Football	Soccer, M&W	Waterpolo
Golf, M&W	Softball, W	Wrestling
Gymnastics		

Spectators are welcome, free of charge, at all MIT sporting events. Sports events for the week are listed in the Institute Calendar in *Tech Talk*. You can also check the sports pages of *The Tech* and the "Sports Today" columns of the Boston newspapers.

Intramurals

A very extensive intramural program is open to students, faculty, instructors, and lecturers who meet eligibility requirements. Teams can be organized by just about any group of people, including labs, clubs, and living groups. For many sports there are different leagues for different levels of athletic prowess. The **IM Council** (W32-123, x3-7947) coordinates all IM competition.

Essential to many IM games is the referee. You, too, can officiate and get paid for your efforts. Officiating courses are offered by the physical education department,

but you can ref without taking them. Talk to the manager.

Managers are also needed to keep Intramurals alive and well. Don't assume that there is always going to be someone else to do it. IM notices are posted on a bulletin board next to the equipment desk in DuPont.

The current intramural sports are:

Backgammon	Football (touch)	Swimming
Badminton	Frisbee	Table Tennis
Basketball	Hockey&Tennis	Billiards
Octathon	Track (indoor)	Bowling
Rifle&Track (outdoor)	Chess	Sailing
Volleyball	Cross-Country	Soccer
Waterpolo	Cycling (fall and spring)	Softball
Weightlifting	Fencing	Squash
Wrestling		

Physical Education

In accordance with its broad-based orientation, the Athletic Department offers an enormous variety of classes in sports and general physical education. Special interest groups and individual teachers widen the spectrum to include almost every form of physical activity, including riflery, folk dancing, and rock climbing.

During the year, regular physical education classes meet two hours a week for sessions lasting one quarter (half a term). These classes cover all the varsity sports and often make up a student's first introduction to a sport in which he later participates on an intercollegiate or intramural basis. This statement is especially relevant when applied to such sports as lacrosse, pistol, and squash, which few freshmen have participated in before coming to MIT. Also there are classes in development, swimming (from beginning to instructor levels), and such recreational sports as judo and archery.

The programs are excellent ways to relax, build up physical fitness, and learn a sport at the same time. Excluding a few very popular classes such as pistol, rifle, sailing, judo, weight-lifting, and partner dancing, they are often under-enrolled and thus especially open to upperclassmen, grads, faculty, and staff. There is a priority for students with unfilled physical education requirements. Registration is done by lottery on Athena, on the first day of classes and sometime in the middle of the term. Some classes fill right away, others never fill up. It is possible to register late for classes with vacancies.

Community Leagues In many sports there are leagues for people simply interested in playing. Teams are formed by groups from departments, lab or mere coincidence, and everyone in the MIT community is welcome. The two largest such leagues at present are the **Community Hockey League** and the **Summer Softball League**. Impromptu groups for squash, tennis and handball are also very common, especially at the staff and faculty level. Check with your friends to see if a team already exists which you can join. Call x3-4498.

Other Classes

Hatha Yoga is taught Monday, and sometimes Tuesday evenings and Thursday

HowToGAMIT XXVII

mornings, by a special interest sub-group of the MIT Women's League. Call Mrs. Turchinetz (862-2613) if you're interested. The cost is \$25 for ten classes. The course is especially good for joggers.

Maggie Lettvin of **Maggie and the Beautiful Machine** used to lead a very good exercise class stressing self pacing and proper body positioning. Although Maggie has retired from MIT, self-designed fitness classes employing her method take place in DuPont Monday through Friday noon--1PM and 5--6PM during the school year and noon-1PM during the summer. Also, a 1PM session is tentatively scheduled to meet at the Alumni Swimming Pool during the school year. Sessions are open to the entire MIT community.

Both the Cambridge YMCA and YWCA offer classes in the martial arts. The YMCA teaches Shotokan karate three nights a week at a cost of \$25/month. The YWCA teaches judo and beginning and advanced karate at a cost of \$22/course. As with all "Y" activities, you must be a member to take a class.

Private schools in the martial arts abound. *Caveat emptor.* According to a knowledgeable member of the MIT Shotokan club, many area schools care more about the dollars they receive than the instruction they give. Ask qualified people before committing yourself. The MIT Shotokan club has a sixth degree black belt instructor in once a week; he can give you expert advice.

Beaches

The MDC operates **Revere** (in the north) and **Wollaston** (in the south) Beaches, which are unimpressive and cruddy but reachable by the MBTA. The more popular (and better) beaches are further along the coast, and a car is needed to reach them.

Beaches on the North Shore include the following: **Crane Beach**, off Route 1A in Ipswich, charges \$5.50 per car on weekends and \$2.50 on weekdays; **Wingaersheek Beach** in Ipswich Bay, \$4 on weekends; **Plum Island**, a long and beautiful beach with limited but cheaper (\$1 per car) parking; **Nahant**, nice and close by but (as a consequence) often crowded, on a peninsula just north of Boston. Unfortunately, the water on these North Shore beaches wouldn't melt an iceberg.

On the South Shore are a number of options. One is **Nantasket Beach**. **Duxbury Beach** is 35 miles south of Boston off Rte. 3. Further south are **Cape Cod** with infinite beaches and **Nantucket** and **Martha's Vinyard** islands.

On **Cape Cod** there are several noteworthy peculiarities. First, the rush day for this place is Sunday, when all of Boston deposits itself on the Cape. Since the road facilities for getting on and off the Cape are limited, massive jam-ups result in the evening when everyone tries to go home simultaneously. The obvious solution is to go on a weekday, but, if that proves impossible, the rush can be avoided by starting at about 6AM and heading home no later than 2:30PM which takes quite a bit of willpower. Also, the best beaches in terms of water conditions are **Nauset** and **Coast Guard** on the eastern shore of the Cape. Since they, like everything else, quickly get crowded, you may have to walk one or two miles from the parking lot (north on Nauset, south on Coast Guard) to avoid solidly packed people. The **Cape Cod National Seashore** is undeveloped but much less crowded.

Ferries run to the islands. The best way to get around once you're on an island is by bicycle. They can be rented on the island, but since quality varies widely, you're better off bringing your own.

The MDC maintains public beaches for fresh-water swimming at **Upper Mystic Lake** in Winchester and **Houghton Pond** in the Blue Hills Reservation in Milton. **Walden Pond** in Concord has a public beach run by the state. It can get very crowded on weekends; go at non-peak times. Concord can be reached by commuter rail -- Walden is a good walk away from the station.

Bicycling

Biking can be dangerous. Watch out for cars (and joggers as well). Be sure to wear a helmet, and remember that it is illegal to ride at night without a light. (Yes, Mom.) If you don't have a bike already, you can rent one from a bike shop: **Boston Bicycle Shoppe** (303 Cambridge, 227-7027) for 3 speeds, by day or 1/2 day; **Community Bike Shop** (490 Tremont St., 542-8623 and 175 Mass. Ave., 267-3763) for 3 speeds, by day or hour; and **Herson Cycle Co.** (1250 Cambridge St., Cambridge, 876-4000) for 3 and 10 speeds by day only. All rentals require deposits.

There are several maintained bike paths in the area. Call or write the **Department of Environmental Management**, Division of Forests and Parks, 100 Cambridge St., Boston, 727-3180 for free pamphlets of the routes. Better yet, talk to the folks at **American Youth Hostel** (1020 Comm. Ave., Boston, 731-5430), or the **Boston Area Bicycle Coalition** (491-7433).

Also see the *Transportation* chapter for more information on maintaining a bicycle at MIT.

entryBowling Many Bostonians believe that bowling (some call it candlepins) consists of trying to knock down a bunch of wooden dowels with three undersized balls.

If this is what you want, there are dozens of alleys in the area; check the Yellow Pages. If you want tenpins (which is what the rest of America calls "bowling") it is a little harder; there are currently few nearby places to go.

Sammy White's Brighton Bowl (1600 Soldiers Field Rd. Ext., Brighton) This place has both kinds of bowling, and, on Friday and Saturday nights, an all-you-can-bowl special which can get pretty inexpensive. Generally a hangout for local kids. Easy to get to as long as you have a car.

Boston Bowl (820 Wm. T. Morrissey Blvd., Dorchester, 825-3800) Open 24 hours.

Lanes & Games (195 Concord Turnpike, Cambridge, 878-5533)

entryCanoeing There is an excellent place to canoe within reach of public transportation. The **Charles River Canoe Service** (527-9885), open mid-April through October, is near the MBTA Riverside station and rents canoes on the surprisingly beautiful upper Charles River. **South Bridge Boat House** (369-9438), within walking distance of the Concord railroad station (less than an hour's ride from North Station), also rents canoes on the Sudbury River in Concord. The MIT Outing Club (W20-461, x3-2988) rents canoes and runs flat and white water trips. The **Appalachian Mountain Club** also sponsors trips and publishes a guide to canoeing in New England.

entryFishing In order to go freshwater fishing, you need a license. You can get it

from the **Division of Fisheries and Wildlife**, (100 Cambridge St.), 727-3151, or some sporting goods stores. You may be able to get a special non-resident 7-day license. For saltwater fishing, no license is needed. Call 727-5215 for information. entryGolf The Boston area does not have many good golf courses, and most are rather far from MIT. The better courses include **Brookline Municipal** (expensive unless you live in Brookline), **George Wright** in Boston, and **Ponkapoag** in Canton (which has 36 holes and low greens fees). There are also a number of privately-owned courses with daily fees; these are usually more expensive but better kept. **Stowe** has 36 different holes and **Powderhorn** is a good par 3 course in Lexington. Direct questions about golf in the Commonwealth to the **Massachusetts Golf Association**, 190 Park Road, Weston, 891-4300.

noindexentryHiking, Mountain Climbing, Backpacking, Etc.New England abounds in beautiful mountains and interesting trails. The **White Mountain National Forest** in New Hampshire, the **Green Mountains** in Vermont, **Baxter State Park** and **Acadia National Park** in northern Maine are areas especially worth visiting. Although the mountains in the Northeast are small by Western standards (the highest, Mt. Washington, is 6233 ft.), they should not be belittled. Treeline is about 4500 ft., so there are many open ridges, and many of the trails are steep and rough. Severe New England weather (Mt. Washington holds a record for its 231 mph gust.) adds to the challenge. Even during the summer the weather in the mountains is violent and highly unpredictable. Take a map, compass, and adequate clothing before venturing out there.

The **Appalachian Mountain Club** (AMC, 5 Joy St., Boston, near the Common, 532-0636) maintains hiking trails and shelters throughout the Northeast. They publish maps and guidebooks to the area which are sold there, at outdoor specialty shops, and at **The Coop**.

The place to go for information on almost any kind of outdoor activity (hiking, backpacking, rock climbing, canoeing, bicycling, crosscountry skiing, snowshowing, or ice climbing) is the **MIT Outing Club** (MITOC, W20-461, x3-2988). They sponsor trips, have up-to-date information and good advice, and even rent equipment to members and people on club-sponsored trips. They used to have two cabins in New Hampshire (one in Intervale and one near Plymouth), but one of them caught fire and burned to a crisp. The remaining cabin is often used for club trips and may be rented by other MIT groups. MITOC meetings are held Monday and Thursday 5-6PM. New members are always welcome. Sign-up sheets for trips are posted on the club's bulletin board in the Infinite Corridor.

Other organizations that run trips and give beginner's classes are AMC, **Sierra Club** (373 Huron Ave., Cambridge, 869-9330), and **American Youth Hostel** (1020 Comm. Ave., Boston, 731-5430).

Other outdoor clubs at MIT are:

MIT Skydiving Club Newly formed, jumps on weekends, weather permitting.

MIT Soaring Association (33-222, x3-2278) Free instruction to anyone in MIT community. Meets third Thursday of each month, 7:30, Student Center.

MIT Scuba and Skin Diving Club For more information, call the swimming pool (x3-4489).

For hints on buying equipment, see **Sporting Goods** under **Shopping**. It's also a

very good idea to contact someone in the appropriate MIT club for advice.

entrylce Skating There are also a number of ice-skating rinks in the area, including an outdoor one in the Boston Common (during the winter)!

Boston Arena (238 St. Botolph St., Boston, 437-3376)

MDC Rink (Somerville Ave., Somerville, 623-3523) For information on skating rinks run by Parks and Recreation, call 725-4006.

Boston Skate Club (1240 Soldiers Field Rd., Brighton) has a sharpener come in part time. He is highly recommended by some MIT skating instructors.

Jogging

Boston is a reasonably good place to go jogging if you don't mind competing with bicycles and other joggers on the sometimes crowded paths. The Charles River has a 16-mile circuit which runs along both sides of the river from Science Park to Watertown. (See the Charles River Mileage Map.) If jogging, use your common sense; crime can happen anywhere. You should also beware of Boston drivers, who are not often looking where they are going. Jogging at night is not recommended; Boston is a dangerous place when the sun goes down.

Rollerskating

There aren't many roller rinks in the area, but **Spinoff** (145 Ipswich St., 437-0000) is a good one and an easy one to get to. It is open every day except Monday and Tuesday.

Skating outdoors can also be fun, but be on the look-out for runners and bikers. The Esplanade, the Common, and between the river and Memorial Drive in Cambridge are all good places to skate. A number of places will rent you skates. Try **Wheels** (270 Newbury St.)

Miscellaneous

In this chapter are collected the small items which don't seem to fit in any other category. Subjects are arranged alphabetically.

Address Change

If you change your *home address*, fill out a new address card at the Registrar's Office (E19-335). When you change your *term address*, don't forget to notify the Information Office. It is also very useful to tell an MIT Operator (dial O).

Blood Drives

There are five blood drives at MIT each year: a 2-day drive during R/O week, a ten day drive in early November, a 2-day drive during IAP, a ten day drive in March, and a 1-day drive in July. The September, January, and July drives are run on a walk-in basis only. For other drives, appointments may be made; scheduling forms are available in the TCA office (W20-450) four weeks before each drive. The blood drive hours vary from day to day; look at a scheduling form or call x3-4885 for the hours during a particular drive.

All drives are run by TCA for the benefit of the American Red Cross and the MIT community. Through these drives the MIT community gives proportionately more blood than any other group or institution in New England. The big drives in the fall and spring are massive organizational efforts that require the help of many, and TCA always welcomes new volunteers. For further information, call x3-4885.

Dining Halls

Baker and Next House have dining halls. Anyone may eat there.

Other dining places include Lobdell Food Court and Networks, both in the Student Center, Morss Hall (Walker) and Pritchett in Walker, and the Kosher Kitchen. During the day, there is a small coffee shop operated in the corridor to building 12.

Exact dining hall hours vary, but general times are 7:30 -- 9:30AM breakfast, 11:30AM -- 1:30PM lunch, and 5:00 -- 7:00PM dinner. During vacations they close down almost everything; it seems that students don't have to eat anything if they aren't taking classes. Meal plans are the most convenient way to pay for food at dining halls. Purchased at the beginning of the term, your ID card serves your meal card with a declining balance. All of the ARA food locations accept meal cards.

Meal plans range from 200 to 1600. Your meal plan can be increased at any time in \$100 increments if your account is running low.

The Dining Services recently have been trying hard to improve, so don't hesitate to bring comments, complaints, and suggestions to their attention.

MIT food is above average for college campuses. (Ask any Harvard student --- he'd die for the slop we get.) But that doesn't say much. The food tends to be greasy, bland, and of questionable nutritional value. It is also overpriced; some food is sold at prices three times higher than the prices in the supermarkets.

Employees Educational Benefits

Children of faculty and staff are eligible for full scholarships at MIT and scholarships of up to 50% MIT tuition at accredited colleges. Loans are also available for children's college expenses. The Treasurer's Office (4-105, x3-2822) has details.

Regular employees are eligible for partial or total reimbursement for educational costs connected with their careers at MIT.

Experiments on Humans

If you are participating as a subject in an experiment, whether it's run by an MIT person or anyone else, you can contact the Committee on the Use of Humans as Experimental Subjects (E23-230, x3-6787) to check whether it poses a hazard to either your physical or mental well-being. Any experiment conducted at MIT that might put the subject at risk---physically, psychologically, or otherwise---must be cleared with the Committee. Check with H. Walter Jones, Jr., M. D., Chairman, of the Medical Department (x3-6787) for details.

Foreign Citizens

The first place for international students to go with questions or problems is the **International Students' Office** (5-122, x3-3795). If they can't help you, they should be able to refer you to someone who can. Foreign staff members should consult with the **Information Center** (7-121, x3-2851).

The social workers, Mrs. Buck and Mrs. Rodriguez, and the clinical sociologist, Dr. Schwartz, are very helpful to newcomers and their families having difficulty adjusting to the cultural milieu of the United States. An international open house takes place during the week before registration to acquaint newcomers and their families with available resources at MIT and in the Boston area. It is jointly sponsored by MIT Medical and the International Students' Office and hosted by Dr. Charlotte Schwartz.

Aliens in the United States must file an *Alien Address Report Card* with the Immigration Service each January. These cards may be picked up from the International Students' Office, a post office, or the local office of the Immigration and Naturalization Service.

America and Americans North America contains the largest area of uniform culture in the world. Many Americans have never met someone from another culture and are likely to be ignorant of yours. There will be about as many aspects of your culture that will disturb Americans as there are aspects of American culture that bother you. Don't hesitate to ask questions; for the most part you will get friendly answers. It won't hurt to try to explain your culture as well.

Americans have an informal, active way of life, and to many people they may appear to be very abrupt. Formal introductions are not usually needed; if you want to be friends with the person next door, introduce yourself. Dress is very flexible. Rarely, if ever, is formal attire required; it can always be rented if need be. If you have any doubts, ask. Conversations and telephone calls usually come right to the point. There are very few formalities observed.

Americans for the most part don't line up neatly. They tend to bunch up. However,
HowToGAMIT XXVII

everyone seems to know who's first and crowding is definitely frowned upon.

Sales people and officials are not, nor do they consider themselves, inferiors or servants of the public, and they act accordingly. With a pleasant smile and a gracious attitude on your part, you will find them most anxious to help.

Driver's Licenses Drivers from a number of countries may drive for one year in the US on their home licenses. The end of the year is designated as the earlier of (1) the end of the academic year or (2) one calendar year from the date of entry into the US. For more details, consult the International Students' Office, Campus Police, or the Registry of Motor Vehicles.

Employment Before taking a job, talk with someone at the International Students' Office since permission to be employed is not automatically granted under the terms of F and J visas. Wives on F visas may *not* accept paid employment. Some students holding J-1 visas and their wives (J-2) are permitted employment only if they need to work for self-support. Recently restrictions on foreign citizens taking jobs in America have been greatly stiffened, and jobs are very hard to find. The Career Services office has listings for international students interested in jobs in their native country.

English for Foreign Citizens The MIT Women's League (10-342, x3-3656) gives English classes for student or faculty wives. Visit the Language Lab (14N-0645, x3-2310) and the International Students' Office, where you can be referred to other opportunities to improve your English. The Language Conversation Exchange (x3-1614) is an informal, one-to-one partnership for practicing a language and for getting acquainted with someone from another culture.

Host Families Five hundred families in the area host MIT foreign students each year. We hope you and your host family will enjoy seeing each other. However, if you do not want to see your host family on a particular occasion, refuse their invitation politely. First-year students can change their host families if desired. If you want a host family or want to become one, the staff at the Women's League will explain the procedure involved.

Income Tax For information call the Alien Tax Information Office (223-3446).

Insurance In the MIT Student Health Program, outside hospitalization insurance is compulsory for foreign students. Campus Police can also help you with auto insurance, etc. If you have questions concerning MIT medical insurance, check with the Student Health Insurance (E23-308, x3-4371).

Passports and Visas Check the pamphlet *Passports and Visa Information Sheet*, which you should have received upon arrival here. If you no longer have your copy, get another from the International Students' Office. There is no need to renew visas when they expire if you do not leave the country, but I-94's always have to be valid. Check with the Office for renewal procedures.

Personnel Directory In addition to the *Institute Directory* and the *Student Directory* (both have a departmental directory), there is a *Foreign Students' Directory* available from the International Students' Office.

Political Action

You are free to participate in any sort of political action as long as it does not violate the laws of the United States. Immigration officials think twice about renewing the visa of someone arrested for political activity, whether or not he was later convicted; consequently, activities near and beyond the limits of the law should not be undertaken lightly. All political views are legal, but there are limits to what can be done in pursuit of a cause. You should realize that most Americans do not wish to get involved in foreign politics.

UROP for International Students

There are offerings in the Undergraduate Research Opportunities Program (UROP) of particular interest to international students. Check with the UROP Office (20B-141, x3-5049) and the UROP Directory.

National and Cultural Groups (For an up-to-date listing of contact/chairpersons, check this year's *Student Directory*.)

ID Cards

For incoming students, pictures are taken during R/O week and ID cards are handed out after classes start. In the meantime, use the temporary ID supplied on Registration Day.

Lost Cards

If you lose your card, first check with the Campus Police to see if they have it in the lost and found. If you have a meal plan, go to Dining Services on the 5th floor of the Student Center or to the Meal Plan office in E32 to have them stop the meal plan on your card and issue a temporary card. Lost cards should be also be reported to the Student Accounts Office (E19-215) and your bank as they can be used to cash checks. (The picture can be changed quite easily.)

To get a new card, go to the Cashier's Office (10-140) and give them \$15 for a new card. Take the receipt to Graphic Arts in N42 and they'll make your new card there. Take it back to Dining Services to have your meal plan validated on your new card.

International Students International Student Identity Cards can be obtained at the Student Assistance Services Office (5-106). They offer numerous discounts abroad on theaters, museums, lodging, and intra-European airfares.

Employees

Department headquarters have ID cards for employees. They must be shown at the Medical Department, MIT libraries, and athletic facilities.

Marriage

Congratulations! And good luck.

1. You can have the ceremony performed in the MIT Chapel if you wish. Call x3-7974.

2. Financial Aid usually will not increase the grants you are getting, nor will it give you one if you are not already receiving MIT support. Under normal circumstances, your spouse is expected to work to earn the equivalent of his/her support. But by all means stop by the Financial Aid Office and talk with the people there; maybe you are a special case. Some fellowships have increased stipends if you "acquire" dependents. The spouse's income and assets could decrease graduate financial aid.

HowToGAMIT XXVII

3. The Deans, social services staff and religious counselors are available to talk things over with you and can be very helpful in discussing aspects of married student life.
4. Blood tests must be taken and the certificate must be presented with the application. MIT Medical can provide testing (E23-189) and an appointment to have the doctor approve the certificate (allow 2-3 days) The blood test must be less than 30 days old when the marriage application is filed.
5. Both parties must go to a City Hall (any city in Mass.) and file an application. A fee will be charged by the city. (Cambridge charges \$10, Somerville \$20, Boston \$15.) The license can be picked up in 3 days and it must be used within 60 days. A Justice of the Peace or a member of the clergy can validate the license.
6. The chaplains and Student Assistance Services in the Dean for Student Affairs Office can answer questions.
7. If you want on campus married student housing, get on the waiting list as soon as you can; you are *not* guaranteed married student housing. Talk to the Dean of Housing.

Metropolitan District Commission

The Metropolitan District Commission (MDC) is an entity charged with handling certain services for Boston and the outlying suburbs. The parks, MDC police, water supply, MDC "parkways," many pools, skating rinks, tennis courts, and sewers are managed by the MDC.

Post Offices

There's a Post Office in the basement of the Student Center. Their hours are: M--T 9--1, 2--5, F 9--1. Other post offices are in Kendall square (by the BayBank) and the main Cambridge post office across from City Hall (up Mass. Ave.) The post office at Logan Airport has the longest hours of any branch in the area.

Postdoctoral Fellows

Depending on what aspect of MIT you are dealing with, you will be classified as student, faculty, or staff. Normally this situation works to your advantage, but if you don't like it, you can complain.

The availability of Student Health Insurance is useful, as is student status (non-candidate for a degree) for federal income tax returns. You can also claim student status in order to maintain out-of-town registration for a car (assuming the insurance company involved agrees). You must file with the local police for a student automobile tag (described elsewhere in this book or by Campus Police).

Faculty status is helpful in applying for an MIT library card. Relegation to the staff category occurs with regard to parking lot assignments, obtaining a Coop card, and purchasing an athletic card (\$60).

There is no official identification card connecting a postdoctoral fellow with the Institute. A letter of appointment from the President's Office, which should arrive a few weeks after you fill out forms with your department, is the most useful means of

identification. If you need a temporary ID, Virginia Lyons at the Information Office (7-121, x3-2851) may give you one. Afterwards, your MIT library card should suffice.

Weather & School Cancellations

NOAA's weather service (x3-1234) gives predictions for the next forty-eight hours. On Athena, type `finger weather@synoptic` for the NOAA forecast. MIT rarely closes for inclement weather; if it does, the decision is usually made around 6AM and released to WHDH radio (850AM). WEEI (590AM) also has snow closings. Don't call the MIT switchboard because it will be swamped. Instead, call 253-SNOW (SNOW = 7669) for a recorded message.

At night, the light on top of the old Hancock Tower gives the National Weather Service forecast for the following day. The significance of the colors follows: *blue* = clear; *flashing blue* = overcast; *red* = rain; *flashing red* = (winter) snow or (summer) the Red Sox game is cancelled.

Transportation

Getting from point A to point B in Boston can be more difficult than that first 8.01 exam. This chapter covers every mode of transportation in the Boston area, as well as tips on getting to the airport and finding your way around the area, and different methods of long-distance travel.

Airplanes

Airplanes are useful, especially for those whose families live far away. People who intend to make a reservation for a "supersaver" flight for winter break should start in October. You can call most airlines day or night for reservations and information.

With the advent of airline deregulation, fares are changing daily. It definitely pays to let your fingers do the walking. (Toll-free numbers are listed below.)

If you are going to New York or Washington, flying may be cheaper than you can imagine. The **USAir Shuttle** departs hourly for NY and the **Delta Shuttle** departs every hour on the half hour; no reservations are required for either.

Note: If you are flying a long distance and have to make a connection in New York City, make sure that you go to the airport that has the desired flight. New York has three separate airports which are quite far apart, and it is very expensive to get from one to another.

The following is a list of airline reservation and information numbers, as well as the Logan terminal letter for each airline. Other toll free numbers may be obtained by dialing 1-800-555-1212 (the toll-free directory-assistance number.)

Aer Lingus	E	1-800-223-6537	Lufthansa	E	1-800-645-3880
Air Canada	E	1-800-776-3000	Midwest Express		1-800-452-2022
Air France	E	1-800-237-2747	Mohawk	B	1-800-252-2144
Alitalia	E	1-800-223-5730	Northwest		267-4885
America West	B	1-800-235-9292	Olympic Airways		451-0500
American	B	1-800-433-7300	Qantas	E	1-800-227-4500
American Eagle	B	1-800-433-7300	Sabena	E	1-800-955-2000
Atlantic North		1-800-553-9021	Swiss Air	E	1-800-221-4750
British Airways	E	1-800-247-9297	TAP Air Portugal	E	1-800-221-7370
Cape Air	B	1-800-352-0714	TWA	C	367-2800
Continental	A	1-800-231-0856	United	C	1-800-241-6522
Delta	C	567-4100	USAir	B	482-3160
Delta		1-800-345-3400	USAir Shuttle	A	1-800-247-8786
Connection					
KLM	E	1-800-374-7747	Virgin Atlantic	E	1-800-862-8621

Airport Logan Airport (Massachusetts Port Authority, 567-5400) is the eighth

120 Transportation

busiest airport in the world, handling commercial flights to everywhere in the US and many foreign cities. Travel time from MIT to Logan runs about 45 minutes by MBTA (though it can be less) or half an hour to two hours by cab, depending on traffic conditions. Avoid rush hour if possible.

International Arrivals for most airlines are in Terminal E.

Shuttle buses provide free service between airline terminals and the Airport T Station on the MBTA Blue Line. Shuttle Bus 22 serves Terminals A and B. Shuttle bus 33 serves Terminals C, D, and E. Shuttle bus 11 is for transport between all terminals, but does not stop at Airport Station. Shuttles run between 5:30 AM and 1:00 AM.

The T is the best and most inexpensive way to get to the airport, provided you don't have much to carry. From MIT, take either the Red Line to Park Street or the #1 Dudley bus to the ICA/Convention Center station (this was called Auditorium until 1990). Once on the Green Line, take it to Government Center. Transfer to the Blue Line and get off at the Airport stop. A free Massport bus takes you to your terminal. (See above for which bus to take.) Leave early during rush hour as things tend to get very hectic. Even so, it is probably the fastest way during rush hour since cars slow to a crawl through the airport tunnel.

Travel Agents There are five travel agencies that serve the MIT community. **Council Travel** (225-2555) in the basement of the Student Center caters to students, and can be especially useful if traveling abroad. **Crimson Travel Service** (868-2600) at 39 JFK Street in Harvard Square (also 742-8500) has a good reputation. The Kendall Square office of **Heritage Travel** (x3-7961, domestic; or x3-7964, international) is convenient (also 868-2666). **Topaz Travel Inc.** (x3-3004) will deliver tickets to any MIT office.

Outside MIT, the **Harvard Student Travel Association** (8 Holyoke, Cambridge, 495-5230) has a lot of international, especially European, travel information and trips. They can provide student passes and discounts, which need an International Student ID.

Bicycles

A two-wheeler can be a good answer to traffic and parking problems - if the thought of facing Boston drivers doesn't scare you off. Cyclists are legally expected to obey all traffic laws (although many don't, angering drivers, especially cabbies, to no end and making for general mayhem on the streets). Although enforcement for bicycles is almost non-existent, obeying the law is usually your best bet.

It is advisable to put a full set of reflectors on your bike along with a headlight (they're required by law) and to wear a safety helmet (how much is your head worth?). Extra precautions, including proper reflector and lights, should be taken when you ride at night.

The **Boston Area Bicycle Coalition** (Cambridge, 491-7433) works on legislation to help commuting cyclists. Among other things, they help new commuting cyclists with a bike-buddy service and with workshops. Call them for information on their services, such as discounts at local bicycle stores and tours.

HowToGAMIT XXVII

The **Charles River Wheelmen** (131 Mount Auburn St., Cambridge) organize frequent bike trips and sports events. See Prof. David Wilson (3-447, x3-5121) if you are interested in the more esoteric aspects of cycling such as researching bike dynamics or developing new bike routes.

Some dormitories have bike repair facilities. Generally these are for the use of dormitory residents only. Also, the MIT Outing Club sometimes holds bicycle repair sessions and organizes bike trips.

On-campus parking, bicycles There are indoor or covered bicycle parking areas located in the breezeway under building 39, in the basement of Buildings 3 and 13, and in most of the dormitories. The area in Building 13 has a card-key system. You can register for a card-key at Campus Police headquarters for \$2.50. Other bicycle areas are located throughout the campus. But don't take it for granted that a high-traffic area is safe: it probably isn't.

The wide variety of bicycle racks is the result of several experimental designs tried by Physical Plant, the Planning Office, and others. If you have any particular favorite or suggestions for new designs, Mr. Pickard at Physical Plant (x3-3940) would like to hear about them.

One place where bicycles should *never* be parked is on the handrails of the steps of the Hermann Building (E53) (or any other handrails). There have been several accidents involving blind people falling over bicycles left there, and Physical Plant has been known to cut chains and remove bicycles from improper locations. They have no objections to the use of light poles, no-parking signs, or trees as long as safety hazards are not created. In addition, *never* park your bike on any wheelchair ramp, including the ramps in front of the Student Center.

Theft Theft is a tremendous problem. Both Boston and Cambridge are so well supplied with bicycle thieves that the chance of leaving even a cruddy bicycle unlocked overnight and finding it the next day is minuscule. Things are somewhat better during the day, but not much.

The only two bike locks which stand much of a chance of saving your bike are the **Citadel** and the **Kryptonite**. Both are available at the **Bicycle Workshop** (see the *Shopping* chapter) and come with insurance. **Lechmere** sometimes carries them for a lower price. (Prices range from \$30 to \$50.) Boston thieves, however, frequently take wheels, seats, and anything else not locked on.

Bicycles should be registered with the Campus Police and with the Cambridge Police in Central Square (5 Western Ave.). It costs 25 cents but helps them recover your bike if it is stolen. Be sure to record your bike's serial number since that is the only way to positively identify it. Also, Cambridge police will not look for your cycle if you can't give them a serial number.

Transporting your bicycle Bicycles are absolutely forbidden on MBTA buses. They are only permitted on the subways on Saturdays and Sundays, and after 8 PM, and then only with a permit and not on the green line. Check with the MBTA

122 Transportation

for more information. (See *The T*, below.)

If you are traveling on Amtrak, you can bring your bike for about \$4 if you remove headlights and batteries and turn down the handlebars, reverse the handles, and box it. Be sure to show up at the station a half hour early and try to be on hand when the bike is loaded and unloaded. Make sure there are baggage rooms at the stations at both ends of the trip and avoid the Turbotrain and Metroliner which have no baggage cars.

Most major airlines will provide boxes for shipping bicycles. They charge a set fee for shipping anywhere in the US.

Buses

There are only two bus terminals in Boston: **Trailways** (Atlantic and Summer Sts., Boston, 482-6620; MBTA: South Station) and **Greyhound** (10 St. James Ave., Boston, 423-5810; MBTA: Arlington). All other bus lines use one of these two terminals. If you don't know which company you want, call Greyhound or Trailways and tell them where you want to go; they will explain which company serves your destination. Then call the company - there may be one small line serving a particular locality. Bus lines will take you almost anywhere on the continent, and they are the cheapest form of transportation on most routes. Don't give up trying to call Greyhound. You may think that they forgot you when they put you on hold, but generally someone will answer if you wait fifteen minutes or so.

Buses, Local See *Public Transportation*

Cars

A car can be a great advantage, but driving in Boston involves a large set of aggravations (including Boston drivers). In addition, registration, insurance, maintenance, and gas can get pretty expensive. There is a good chance you can get by without a car in Boston and save a lot of money and aggravation. However, parking problems notwithstanding, a car is normally the best means of transportation for people living far from MIT.

Keeping your car is a non-trivial problem, since thieves abound. Boston has the highest auto theft rate in the country. Even daylight thefts are amazingly frequent; professionals can steal a car in less than five minutes. Try installing an alarm, especially if your car is new or otherwise desirable. However, be attentive to locking your car properly when you have one; car thieves listen for an alarm that indicates that the driver has left his door open. Try to park your car in a well-lit and conspicuous spot where an alarm buzzer will attract somebody's attention. Also, steering, clutch, or ignition locks will slow down (but not stop) a thief. Contact Campus Police for more advice. They have a list of anti-theft devices with an evaluation of each one.

Driver's License In order to get a license to drive in Massachusetts one has to go to the Registry of Motor Vehicles (North Station). If you don't already have an out-of-state license you have to take both the written test and the driving test. Otherwise, you just have to cough up the cash. After a \$47.50 fee in both cases you have a genuine Massachusetts license.

Insurance Massachusetts auto insurance always seems to be in a state of flux. However, one thing that remains constant is the cost; it is among the highest in the nation. Insurance has changed somewhat over past years. It has fluctuated between the "fault" and the "no-fault" systems. Your best bet for getting accurate information is to contact the insurance broker of an insurance company. Campus Police may also be helpful.

If you are insured in another state, you must have the equivalent of the minimum insurance required by Massachusetts state law. In addition, at the beginning of the new year when you renew your policy, you must inform your insurance company that your car is now principally garaged in Massachusetts. This will result in your having to pay Massachusetts insurance rates. Please note that you should give your company the name of the city you are actually living in as rates vary by city (Boston being the highest and Cambridge one of the next highest). While you might be tempted not to report to your insurance company that your car is in Massachusetts, *you would be running a serious risk*. The company would not normally catch you, but if you get into a collision, they could easily find out in the process of the investigation and refuse to pay you anything at all. Thus, you may effectively have no insurance coverage at all.

If you were insured in another state, you will save money (cancellation fees and the like) by insuring with the same company in Massachusetts if they have agents here. Likewise, you will do well to insure with a nationwide company if you are not a permanent Massachusetts resident. Check around with a few agents and see what they have to offer, since auto rates in Massachusetts are fixed by law. Note that Allstate no longer sells insurance in Massachusetts.

Registration All student-owned cars must be registered with the Campus Police annually. In addition, out-of-state cars must be registered with the local police. You can do this in the Armory on Registration Day or anytime at the Campus Police Office at 120 Mass. Ave. (W31-215). The information sheet **MIT Motor Vehicle Regulations** gives information about motor vehicles and MIT.

Massachusetts Registration: In order to register a car in Massachusetts you must have the required minimum insurance and pay an excise tax of 2.5% based on the value of the car. Also, cars registered in Massachusetts must pass an annual auto inspection which includes an emissions test. Tests can be done at most service stations that have repair facilities. Emissions tests generally run by numbers on your license plate. Inspections run on a yearly basis.

Out-of-State Registration: Rules vary depending on which state you are from, but the following generally applies: If you are from outside Massachusetts you will probably do well to keep your out-of-state registration. According to state law you must register your car within thirty days of becoming "gainfully employed" here. (Graduate students receiving a stipend or having a fellowship or assistantship may fall under this category.) Otherwise, you are probably able to keep your registration, provided you don't become a legal resident of Massachusetts.

(Registering to vote or getting married may affect your status.) In any of these cases check with Campus Police or the Registry of Motor Vehicles.

Questions about Massachusetts vehicle laws and regulations concerning out-of-state cars (including insurance) may be addressed to the Campus Police (x3-1212).

A useful information sheet is included in your registration material each term.

Carpools You can reduce pollution, save on gas and other expenses, and perhaps make some friends if you join or organize a commuter carpool. The classified ads in *Tech Talk* and the Planning Office (x3-5831) are handy for locating rides/riders.

Car Rental Most companies require a major credit card and won't rent to anyone under 21 (25 at airport locations), but several nearby agencies will rent on a cash basis to students 18 and over with an MIT ID. (Dollar rents to those over 18 for an extra \$5 a day.) All require a valid driver's license. Shop around for the best deal since rates vary considerably. Which agency offers the lowest price depends in part on when and where you'll be traveling, how long you'll be gone, and how many miles you'll be driving. Some offer week-long, weekend, or overnight rates, some have unlimited free mileage, and some restrict travel to within New England. For a short trip, a cheap "rent-a-wreck" from a small, local firm may be all you need, while you may want to rent from a reputable national agency for a long journey. With a national company, you can rent one-way, although usually this is prohibitively expensive. In general, the places closest to MIT (including branches of national agencies) have the lowest rates, airport locations the highest, with Hertz and Avis the most exorbitant.

Before you sign any rental agreement, *read it* thoroughly. Check who else is authorized to drive the car and make sure the odometer reading written down is correct and that any damage to the body of the car has been noted. People have rented cars with malfunctioning heaters, burned out lights, flat spare tires, and no jack, even from well known national agencies - so take the time to look over the car carefully. Don't be intimidated by an impatient salesperson; you're the one who will be driving and will be responsible for this many-thousand-dollar metal heap. Note that many credit cards let you waive the rental company's insurance.

Driving, Distance If you own a car, driving can be the most convenient way to get where you're going if your destination is far away. However, if you are traveling alone, driving can be extremely expensive and tiresome. Riders and drivers can find each other through the APO ride board on the second floor of the Student Center. Want ads in *Tech Talk* and *The Boston Phoenix* also work.

If you don't own a car and can't get a ride with someone else, renting a car may be the least expensive, most convenient option. See above.

One way to get a car for a long distance trip is to call one of the auto delivery services listed in the Yellow Pages under Automobile Transporters. They have cars that need to be taken to many parts of the country, and they will pay some expenses.

Driving Tips Many intersections which *should* have stoplights do not. Some of those that do also have pedestrian-operated lights, but watch out for pedestrians who blithely cross against the light and expect you to come to a screeching halt. The area is full of them. (MIT students are among them, as pedestrian behavior at 77 Mass. Ave. illustrates.) Watch also for pedestrians crossing at any random point, which happens most frequently around a college (such as MIT), but is pandemic.

Boston drivers are unbelievably bad, even for a large American city. On any given day, you can see the entire repertoire of wrong turns, U-turns, nerve-wracking lane changes, light crashing, weaving, speeding (too fast or too slow), plus some new tricks, such as charging up the left side of a street at 60 mph in order to be able to make a left turn against the oncoming traffic before the light goes red. The traffic pattern at red lights is that people keep zipping through 1 1/2 seconds after the light turns red but don't move when it turns green for about the same time (which balances things). Massachusetts has one of the lowest auto fatality rates in the country, but may be #1 in "fender-benders."

Parking Parking is a problem, but it's not too bad if you don't mind walking long distances and feeding meters. Meter-maids patrol until 6 pm Monday -- Saturday, so if you neglect to pay up you're very likely to get tagged. A parking ticket in Cambridge costs \$10. Car thieves are as prevalent as bicycle thieves, so keep your car locked and put tempting articles out of sight, preferably in the trunk. There are many garages in the theater and shopping districts, but they fill early and cost a lot, especially in the evening; go early or take the T.

Parking on certain Cambridge streets is banned from 7 AM-10 AM due to Environmental Protection Agency regulations. However, cars with resident parking stickers are allowed to park on streets within one half mile of their owner's residence. Stickers are available only for cars with Massachusetts plates and cost \$3. They are available at Cambridge City Hall Annex (57 Inman Street).

If you live in an apartment, your landlord may provide off-street parking. If he promises to provide it, be sure it says so in your lease. You may be able to rent garage space nearby. (Rates run around \$25 a month.) Otherwise, you'll have to park in the street if it is legal. (In Brookline it is illegal to park in the street overnight, so make sure you get a parking space.)

On-campus parking MIT parking is very tight. Faculty and some staff members can get stickers for the lots and garages from their departmental headquarters. (Trading stickers is permitted; check the ads in *Tech Talk*.) Some people park in the street, frequently blocking fire-lanes, pedestrian access, and each other. To get a street space reasonably close to the main buildings you should plan to arrive around 7 AM. Parking is banned, however, on Memorial Drive from 7-10 AM. You might be able to find a space if you arrive close to 10 AM. Otherwise, start looking for a space about a half mile away. On weekends and after 4--5 PM on weekdays, the MIT lots are generally open to all. However, be wary of the parking garages at night. They are high-risk areas for theft and assault.

Dormitories have small parking lots available to residents; check at the desk. Stickers are usually issued at the beginning of each term. The Dean's office (7-133) has some stickers they will give out if you show good cause. The Campus Activities Office (W20-501) handles stickers for special exceptions. Campus Police (x3-1212) has information on good places to park around the Institute and can issue temporary or guest parking permits.

Parking in winter During the winter, snow removal is slow and inefficient, especially on the weekends; side streets often don't get plowed. There are also emergency parking bans on many major streets during snowstorms. If you park in the street, be sure you are familiar with the regulations which apply to that location.

If your car is parked in Cambridge, make sure that you will know if any official "snow emergency" is declared. At such times, all parked cars must be removed from Memorial Drive and other locations marked by a red-and-white "Snow Emergency" sign. You can use the Westgate West parking lot overnight, but you must move your car in the morning. The 24-hour Cambridge parking ordinance is enforced during snow because it is easy to determine how long you have been parked.

Radio stations WEEI, WCAS, WBZ, WHDH, WRKO, and WCAP will broadcast announcements of snow emergencies. (See *Radio* in the *Media* section.) Also, you can call the appropriate municipal Departments of Traffic and Parking. In Cambridge the number is 498-9042.

Traffic reports WBZ (1030 AM) has regular traffic reports from a helicopter, and WHDH (850 AM) uses a plane for its Skyway Patrol. WEZE (1260 AM), WRKO (680 AM), WEEI (590 AM), WROR (98.5 FM), and others also report on traffic. All can be invaluable to someone with little knowledge of the area and a car radio.

Boston traffic is heavy even during non-rush hours. During rush hours (7-9 AM, 3:30-7 PM) and especially on Friday it becomes ridiculous. As you become familiar with the area, you should notice and use shortcuts and circuitous routes which will avoid the major jam-up areas. Example: Bay State Road is a good way to bypass Kenmore Square if you're going west from Beacon Street onto Commonwealth Ave.

Toll roads There are some toll roads in and around Boston. Some examples are the Callahan/Sumner Tunnels (from/to the airport), the Tobin Bridge (to Revere), and the Mass. Turnpike (Interstate 90). One-way tolls were recently introduced on the tunnels and the Tobin Bridge. Tolls are \$1 and 50 cents, respectively. Tolls for the Mass. Turnpike are assessed according to the number of miles you travel. Commuter passes are recommended. They're \$2 for a year.

Geography

Boston Geography It is impossible to find your way around the Boston area without a map. It is only slightly less impossible to find your way around *with* a map, but any advantage helps. The streets in the older sections follow former cowpaths and shorelines and make very little sense to newcomers. Occasional grids exist, e.g., in Back Bay and South Boston, but even here confusion reigns -

the numbering changes from street to street.

To really understand Boston's street layout, you need to realize that its roads run from "square" to "square". Learn where each square is, and the streets just fall into place. Peculiarities to note:

1. Most streets are not clearly marked. Main streets are almost never marked; you can go out of your mind reading the name of each tiny side street without ever finding out which highway you are on.

One key to finding your way in Back Bay: side streets there go in alphabetical order, starting with "A" (Arlington) at the Public Garden and ending at "K" (Kilnarnoch) in the Fenway.

2. The Charles River is *not* a good direction index. It bends from north to south and back. The only certain thing about it is that if you follow it downstream or upstream far enough you'll get to MIT. Then you can ask someone for directions.

3. Main streets likewise weave back and forth. Massachusetts Avenue is a primary example, weaving its way from Lexington through Cambridge into Boston. If you don't believe this, try figuring out how Mass. Ave. and Memorial Drive both lead to Harvard.

4. House numbers on a street do not go by 100 per block but sequentially, with random inconsistencies. The average is about 30 numbers per block, meaning that 300 numbers is far away. Some streets have odd or even numbers on the same side, numbers increasing on one side and decreasing on another!

5. What appears to be one roadway can sometimes have more than one name. For example, the same pavement is Winter Street north of Washington Street but Summer south of it. Water turns to Milk in a similar maneuver. A favorite trick is for a street to change names as it crosses a town line. Cambridge Street in Allston turns into River St. as soon as it enters Cambridge. Mass. Ave. in Cambridge changes into White Way near Porter Square and then to Cambridge St.

Not only that, but the same name is used for different streets in different towns or even different sections of the same town. All of the streets mentioned above are repeated again and again in various locations. Boylston St. in Cambridge has no relation to Boylston St. in Boston, nor do any of the myriad Harvard and Washington Streets have anything in common. In another variation, the street names stay the same, but the numbering system starts all over again, normally in the opposite direction. For instance, 840 Mass. Ave. in Boston is nowhere near 840 Mass. Ave. in Cambridge.

6. Town names are no less confusing than street names. Present-day Boston includes the old townships of Allston, Brighton, Charlestown, Hyde Park, Roxbury, West Roxbury, Jamaica Plain, Mattapan, South Boston, Dorchester, East Boston, and Roslindale. At the core of all this is Boston Proper, which includes all the neighborhoods of the North End, West End, South End, Downtown, Chinatown, Beacon Hill, and Back Bay. In addition there are unofficial terms, such as Readville, South Cove, Columbia Point, and Orient Heights, in common use. The various

128 Transportation

governments, the post office, the telephone company, and the local people all differ concerning which of these terms should be used. (But note that Brookline, although an inner suburb, is *not* a part of Boston.)

7. Adjacent areas often have similar names. For example, Newton Center, West Newton, Newton Lower Falls, Newton Upper Falls, and Auburndale (how did *that* get there?) are all parts of Newton.

8. When traveling to an unfamiliar place pick an easily-visible landmark near where you want to go or know the name of the nearest square (roads tend to run from square to square) and head for that. For example, in Cambridge, it is easier to find the general location of MIT by looking for the Green Building. It is also much easier to ask strangers for directions to landmarks than to out-of-the-way places.

Maps Maps are an indispensable aid to travel in the Boston area. Good, free maps are difficult to come by. Cambridge and Boston Chambers of Commerce sporadically publish maps and may have a few available. The Information Office (7-121, x3-4795) and many dorm desks have maps you can consult.

For a few dollars, the Coop sells several good maps of Cambridge and Boston, including *The Arrow Street Guide of Boston and Surrounding Communities*, the *Rand McNally Map of Boston and Neighboring Communities*, and *Car-free in Boston and all Massachusetts*. This last is an excellent book with all sorts of transit, biking, and walking maps as well as tips on using mass transit, taxicabs, and bicycles. The Park St. T station usually has maps and schedules of all T and bus routes.

Mopeds

Mopeds are obtainable at **Moped City** (491-5375) in Harvard Square. The only requirement is that you have an automobile driver's license and agree to drive the moped at no more than 25 miles per hour. Otherwise, treat it like a bicycle. Get a Kryptonite moped lock so you can keep your moped. A moped costs approximately \$600-\$900.

Motorcycles

Motorcycles must be registered with Campus Police. Out-of-state cycles must be registered with the local police also. Check with Campus Police (x3-2997) for details. State law requires that you have a certain minimum amount of insurance and proper headgear for both driver and passenger. There are several motorcycle organizations in the area. Check with other owners or dealers. Wear a helmet! (It's state law.)

Public Transportation

Bus fare on most lines is 60 cents. On some longer-distance lines, the fare is based on a zone system, with additional zones costing 35 cents each. Some lines (especially many leaving from the Harvard station) make you pay as you get off, not as you board. Exact change is required on all lines. Most of the major bus routes in Cambridge radiate from either Harvard or Central stations on the Red Line.

The line most often used by MIT people is the Harvard-Dudley bus (MBTA Bus #1), *HowToGAMIT XXVII*

which stops at several rapid transit stations as it threads its way on Mass. Ave. through Cambridge and Boston. (Make sure you don't take the limited stops bus.) The buses are said to travel in packs: three at a time and then none for an hour. Allow extra time in case you have to wait. The bus starts at Harvard Square (Red Line), runs along Mass. Ave. through Central Square (Red), and passes the MIT Building 7 entrance. From MIT it travels into Boston via the Harvard Bridge, then continues along Mass. Ave. It stops at Auditorium (Green), Symphony (Green), and Northampton. Finally, there is a short leg south on Washington Street to Dudley, where the bus turns around for the return trip.

To find bus stops just look for signs or ask bus drivers. (They can sometimes be helpful.)

See the section on *Wellesley*, in the *Colleges* chapter, for information on the free MIT/Wellesley shuttle, as well as the Wellesley/Senate bus which runs on the weekend (but isn't free).

Commuter rail Commuter intermediate-distance rail service to points north and west of Boston is available at North Station (227-5060, 1-800-392-6099). Lines to the south and west of Boston originate at South Station (482-4400, 1-800-882-1220). The MBTA rapid transit lines make stops at both of these stations.

The T Boston has one of the oldest mass transit systems in the country. It is operated by the *Massachusetts Bay Transportation Authority (MBTA)*, usually known as the "T." Park Street station, in a tunnel which has been declared a National Historic Landmark, is the oldest subway station in the nation. The T uses rapid transit cars, streetcars, electric buses (trackless trolleys), conventional buses, and diesel-powered commuter rail cars.

The subway consists of four main lines, each of which is identified by a color. The Red Line has two branches at its southern end, and the Green Line branches into four variations (labeled B through E). The four Lines cross in the middle of Boston. See the T map on the next page. (Note that the map is symbolic and bears little resemblance to actual directions or distances.)

Tokens for the subway are \$0.85 each, available at every station and most dorm desks. Most subway stops have a booth for making change and/or selling tokens, but don't count on them late at night. Kendall outbound is often unmanned after rush hour and sometimes locked up; you may have to go to the inbound side to get a token.

Where the Green Line is above ground (past Boston University), it is free outbound and requires exact change inbound. The D (Riverside) line has extra charges that depend on the distance traveled. There is an extra \$0.85 charge for Red Line service to Quincy Center, Quincy Adams and Braintree. Inbound service from Mattapan costs an extra 60 cents.

Monthly passes for unlimited MBTA rides are available to the MIT Community the last five business days of the month at the Cashier's Office (10-180). The passes vary in price and services offered: the Cashier's Office has up-to-date information available. They can also be bought at Charlesbank Trust and Freedom Federal

130 Transportation

Savings in Cambridge and other banks around Boston. T passes are also available the first ten business days of each month at the Harvard and Park St. stops.

Most lines do not run after 1 AM (10 PM on Sunday), and many stop earlier. Schedules late at night tend to be erratic; there may be cutbacks in runs, the driver may not feel like stopping; things are generally bad. Be careful when riding late at night, or you may be left stranded. MBTA service usually starts around 6 AM.

Complete system maps, showing all bus and subway routes, and bus schedules are available at many bookstores. Call the MBTA information line for the location nearest you. The MBTA information number is 722-3200 from 7 AM to 6 PM Monday through Friday. On nights and weekends dial 722-5000.

Taxis

Taxis can be convenient since they avoid many of the usual problems associated with cars. However, they are expensive (at least \$.95 initially, \$.20 per 1/7 mile, plus \$18 per hour) and are least available when you need them most. During rush hour they tend to be quite hard to find and will sometimes take a half hour to answer a call. Just before a holiday or bad weather they are almost impossible to find quickly; if you want a cab at such times you should call not less than an hour beforehand. The **Ambassador Brattle Taxi Co.** can be reached at x3-2301 or 492-1100. During peak times, try a taxi company from an outside phone (phone numbers in Yellow Pages). They tend to respond more quickly to non-students. Taxis can often be found in front of 77 Mass. Ave., near the Kendall Square T stop, and (almost always) outside the Hyatt-Regency (right next door to Next House).

Cab drivers are generally talkative, opinionated, and nonviolent if you tip them 10-15%.

Trains

Trains provide a reasonably comfortable way to travel. They have enforced smoking regulations (smoking and non-smoking cars), plenty of leg room, space to walk, and snack service. **Amtrak** operates trains out of Boston to New York, Washington and points south, and to Albany, Detroit, Chicago, and points west. Connections are available to the entire US from Chicago and New York.

Prices are competitive with buses. Trains to the South tend to be as fast or faster than buses; to the West, the trains are slower than horses. Scheduled travel time to New York is about 5 hours, although they tend to run late, particularly during holidays.

Amtrak trains leave Boston from South Station (MBTA Red Line) and from Back Bay Station, 145 Dartmouth St., behind the John Hancock Tower in Copley Square (MBTA Green Line). During holiday seasons trains can be standing room only, and it is always easier to find a good seat at South Station (where the trains originate) than at Back Bay. For information call Amtrak (1-800-872-7245) or South Station (482-3660). Schedules change every 2 or 3 months.

Walking

Hitchhiking Although hitchhiking may be a popular way to get around, it is illegal in Boston, Cambridge, and other cities. Enforcement, however, seems to be left up to *HowToGAMIT XXVII*

the whim of the particular policeman. Your hair length, number of holes in your clothes, and the policeman's disposition must be taken into account. Usually, the police will ask violators to stop and will not bother to issue tickets. Laws and penalties vary from one jurisdiction to the next.

Unfortunately, police are not the only hazard to hitchhikers. There have been a number of students (drivers and hitchhikers) shot or robbed. It takes a lot of nerve for even a gorilla to hitchhike in some neighborhoods.

If you haven't hitchhiked before, Boston isn't the place to start. If you plan on hitchhiking anyway, remember that you are taking your life into your own hands. It's usually worth the money spent to avoid playing Russian Roulette.

Walking Compared with many other cities, Boston is a city of microscopic distances, and walking is often the easiest form of transportation. During rush hour it may be faster than driving, especially from here to Harvard Square. Another advantage of walking is that you get a chance to meet people and see shops and activities you would otherwise miss.

If you need an escort across campus, use the SafeRide service operated by the Campus Police (x3-2997). It is composed of a set of vans that travel in set routes over the campus and to many of the ILGs across the river. There are four vans: Cambridge East and West and Boston East and West. The routes take about 20-25 minutes. Maps and schedules can be obtained from Campus Police or from the front desks in most dorms.

If you are walking alone at night, find a friend or two to go with you, especially if you are going off campus or into an unknown area. Otherwise, use your common sense. Boston and Cambridge have high crime rates. Use only well-lit, well-traveled streets; don't take shortcuts. Even if you plan to avoid the notorious Combat Zone, remember that just walking along Memorial Drive to look at the river by moonlight can be deadly. The Campus Police can give you information about danger zones around the MIT campus.

Sightseeing

Every once in a while you may feel like playing tourist. Over IAP or the summer many students wander to museums or exhibits. These are also a wonderful way to get away from the Institute when the pressures of the term are getting to you. And they're a good, neutral thing to do with visiting parents. Boston offers art, history, and fun in its many sights.

Resources

The Boston Phoenix is hawked on the streets each week. It has complete listings of the week's events, information, things going on in Boston, and extensive criticism and reviews of entertainment products and events. Also, the *B.A.D., Boston After Dark* (from the *Boston Phoenix*), is distributed free each week. Look for it in Lobby 7, at the front desk of your dorm, and in the Student Center. *Calendar*, published in the Thursday *Boston Globe*, also has excellent listings.

There are several guides to Boston available from travel agencies, most hotel lobbies, the Boston Chamber of Commerce, and other groups. A wide variety of topical (e.g., dining out) and general guidebooks to Boston and Cambridge are available at most bookstores. The *I Love Boston Guide* by Marilyn Appleberg, available at the Coop, is an excellent one to buy. For free maps, brochures on most tourist attractions, and information on current happenings in the city, visit one of the following information booths. The Greater Boston Convention and Visitor's Bureau operates the **Boston Common Information Kiosk** (536-4100) on the Common near the Park Street T station. It is open daily 9--5 and located at the start of the Freedom Trail. You can also stop by their headquarters at the plaza level of the Prudential Plaza. The **National Park Service Visitor Center** (242-5642), located across from the Old State House on 15 State Street, operates 7 days a week from 9--5. It is close to the State St. T Station. A third center, run by the Commonwealth Dept. of Commerce (727-3201), is good but open only on weekdays 9--5. They are located on the thirteenth floor of 100 Cambridge St., by the Bowdoin stop on the Blue Line.

Walking Tours

A word of caution regarding walking tours. Boston is a big American city and therefore has some dangerous neighborhoods. Roxbury, Mattapan, parts of Dorchester and the South End, and the areas around Northeastern University (south of Symphony Hall) are bad places to be at night. The North End, Charlestown, and South Boston are dangerous for minorities and nonconformists after dark. Certain sections of Cambridge are also pretty grubby, though not so bad as some of the preceding areas. *Don't* go wandering off in these areas unless you know what you are doing. This warning applies especially to students and staff who may not be used to the concept of dangerous neighborhoods in a city.

There are many bus and boat tours of Boston which are good for orientation, fun, and when parents come to town. See the Yellow Pages under "Sightseeing Tours" for more information.

The Freedom Trail One of the best and most popular ways to become familiar with the sights of Boston and to brush up on your American history is to walk the Freedom Trail or to follow the "big red stripe down the middle of the sidewalk." The tour will lead you from the Common to the Bunker Hill Monument. Along the way, you will see 17 historical sights --- the State House, Park Street Church, Granary Burying Ground, Kings' Chapel, site of the first Public School, the Old Corner Book Store, Old South Meeting House, Old State House, Boston Massacre site, Quincy Market, Faneuil Hall, the Paul Revere house, Old North Church, Copp's Hill Burial Ground, U.S.S. Constitution, and Bunker Hill monument. Many of the sites close at 4:30PM, so start at least 3 hours before then to allow enough time. The trail starts at the Boston Common, near the Park Street T Station. Then just follow the red path. It's a good idea to stop at the Information Kiosk and get a guide and a map, but it will cost you \$1.50. Most of the attractions are free, but a few of the major sites will charge a slight admission fee. Many will give you discounts if you have an MIT ID.

On the Freedom Trail: the **Boston Common**, bounded by Boylston, Charles, Beacon, Park, and Tremont Streets, is the oldest public park in the U.S. You can no longer graze your cow there if you have one, but it is a pleasant grassy park filled with a random assortment of people and activities every day of the year.

Free tours of the gold-domed **State House** (727-3676) on Beacon and Park at the edge of the Common are given Mon-Fri 10-4.

Old South Meeting House (310 Washington at Mild St.; 482-6439; MBTA: State) is one of Boston's three remaining 18th century Anglican churches. It is now a National Historic Landmark. The Boston Tea Party began at "Old South." Hours: weekdays, 10--3:45; weekends, 10--5. Admission: students, \$1.25.

The **Old State House** (corner of Washington and State; 242-5655; MBTA: State), the center of colonial government, is the city's oldest surviving public building, now a museum open to visitors. It was in front of this building that the Boston Massacre happened. Hours: 9:30--5. Admission: students, \$1.

Quincy Market and **Faneuil Hall** (MBTA: Government Center) are a great mix of old and new on the Freedom Trail. These newly refurbished structures are now the Greatest Place on Earth™ to be with full wallet and an empty stomach. The buildings accommodate booths and booths of food, food, and more food as well as lots of cute shops. A native Bostonian once said that Heaven smells like Quincy Market, and this statement has never been disputed. But the area is also a tourist trap, so be prepared to pay for this wonderful occasion. Faneuil Hall houses Durgen Park Market Dining Room, which is a historical sight itself. Most shops in the Marketplace are open Mon--Sat 10--9 and Sun 12--6.

The **Paul Revere House** (19 North Square in the North End; 523-1676; MBTA: Haymarket), built in 1676 and now restored to its original appearance, is the oldest dwelling in Boston. Hours: 9:30--5:15 (4:14 in winter until April 15) daily. Admission: \$1.50 student (with ID).

The **U.S.S. Constitution** (426-1812; MBTA: Haymarket, then take the #92 or #93

bus to Charlestown City Square) is the world's oldest warship. "Old Ironsides" is on the Freedom Trail but located in the Charlestown Navy Yard. Hours: 9:30--3:50 daily. Tours of the ship are free. Also in the Navy Yard is the U.S.S. Constitution Museum, (open 9--5 daily), which does have a \$2.00 admission fee.

Bunker Hill Monument (242-5641; MBTA: Community College on the Orange Line) is at the end of the Freedom Trail. The 221-foot landmark is free to anyone interested in climbing 294 dark, damp steps. It offers a great view of Charlestown, Boston, the Harbor, and the rivers. Worth the climb if you can make it. Hours: 9--5 daily. At the **Bunker Hill Pavilion** (55 Water Street, Charlestown; 241-7575; on the Freedom Trail), the Battle of Bunker Hill is recreated through sight, sound, and other theatrical effects. Hours 9:30--4. Admission: adults, \$1.50; students, \$1.

Black Heritage Trail Another do-it-yourself walking tour of Boston, this one explores the history of Boston's black community. The tour starts at the **Museum of Afro-American History** at Smith Court, 46 Joy Street on Beacon Hill, and ends at Dudley Station. Get a map from the Museum (742-1854) or from the National Park Service Visitors' Center (see *Resources* above).

Harborwalk The newest walking tour of Boston is the Harborwalk. It is similar to the Freedom Trail, but the Harborwalk follows a blue stripe and focuses on the city's maritime past. It begins at the Old State House and ends at the Boston Tea Party Ship. Free maps are available at the Boston Common Kiosk or the National Park Service next to the Old State House.

Some Other Interesting Places

Back Bay was a swamp sewage trap filled over 100 years ago to produce 580 acres of residential area. The broad, straight avenues actually have some order (alphabetical) here! The **Back Bay Fens** (near Fenway Park, Simmons College, and the Museum of Fine Arts) is a nice park with ducks to feed (and very polluted water). (Warning --- this is not a safe place to be wandering at night.) There are also some Victory Gardens left from World War II, which are still maintained by private citizens. Boylston Street has many boutiques and other stores, and Newbury Street is a quiet and shaded avenue with art galleries, restaurants, and more boutiques. Commonwealth Avenue between Mass. Ave. and the Public Garden is a divided roadway with a shaded mall down the middle. The Boston bank of the Charles River is great for picnics and sunbathing. The tree-lined **Esplanade**, a long string of linear islands, is great for walking trips and relaxation. During the summer, the Boston Pops and other groups give free concerts at the Hatch Shell there.

Christian Science Center Just southwest of the Prudential is a collection of modern buildings associated with the "Mother Church" of this religious group as well as the central offices of the world-famous *Christian Science Monitor*. Tours of the buildings are given when they are not in use, and the reception given to non-members is low-key and friendly. Of special note are the Mapparium, a huge stained-glass globe which allows you to view things "from the center of the Earth," and the Sunday School, an unusual architectural work. There is also the Christian Science Pool outside. The Christian Science Center is just a walk down Mass.

Ave. at the corner of Huntington (Symphony stop on the #1 bus). Call 262-2300 for information and hours.

City Hall The City Hall at Government Center (725-3914; MBTA: Government Center) in the heart of Boston is --- um, an unusual and striking --- yeah, that's it --- architectural creation. Tours are given weekdays, but be sure to call for a time.

Copley Place is a beautiful mall complete with marble floors, a waterfall, and stores that are too expensive for anything but browsing (Nieman-Marcus, Tiffany, and Godiva Chocolate, to name a few).

Kenmore Square Slightly further west, at the intersection of Beacon Street, Comm. Ave., Brookline Ave., and three other streets, is the driver's nightmare called Kenmore Square. It is built up and becoming more so, with shops ranging from hamburger joints to boutiques and nightclubs. It's a nice place to visit on foot if you like watching crowds of people on their way to Red Sox games (Fenway Park is nearby), and especially if you like watching drivers in hysterics.

Chinatown Yes, Boston has a Chinatown, America's third largest. It is located between Beach, Harrison, Tyler, and Hudson Streets, and it's a great place to eat or visit. It's on the Orange Line.

Harvard Square has a lot of visual appeal for a walking tour, with huge crowds of all descriptions, a tremendous variety of stores, and solicitors of all (and we do mean all) types looking for your support. The architecture around Harvard is also interesting, ranging from staid Colonial to futuristic. The banks of the Charles are pretty pleasant here, with a lower pollution level than around MIT and big grassy areas on either side. Tour **Harvard** yourself or pretend to be a prefrish and take a structured tour from the Holyoke Information Center, 1350 Mass. Ave. (495-1573). They also offer tours for the general public twice daily (10AM and 2PM Mon--Fri), and one at 2PM on Sat. This is the office to approach for a (free) map of the Harvard campus.

Visit the **Cambridge Common** just north of Harvard Yard. Washington took control of the Colonial army here in 1775. There are often free impromptu concerts on the Common, and there are scheduled concerts on most summer Sunday afternoons at 2PM.

Public Garden Just west of the Common, across Charles Street, is the 24-acre Public Garden. Here, visitors will find many labeled trees, rare flowers, lots of birds, and a pond. In the summer, for \$2.00, you can ride on the swan boats in the pond. It's a wonderfully romantic way to be silly. In the winter, bring your skates and enjoy some outdoor skating.

If it's a view you're looking for and not a tour, climb a building. MIT's Green Building isn't the only tall building with a view. **Prudential Tower** or "the Pru" (800 Boylston; 236-3318; MBTA: Prudential) is 52 stories of glass and steel. For \$2.50 (\$1.50 student w/ID) you can get a panoramic view of the city from the 50th floor observation deck. With pay telescopes, you can see New Hampshire and the White

Mountains on a clear day. Hours: Mon--Sat 10--10, Sun 12--10. Several blocks away at Copley Square is the **John Hancock Observatory** (247-3318; MBTA: Copley), New England's tallest building. Designed by an MIT graduate, it won national attention for losing nearly all its windows. The observatory deck, in addition to its lofty view, has a fascinating narrated exhibit of Boston in the Revolutionary war. Admission is \$2.25 with an MIT ID. Hours: Mon--Sat 9AM--10:15PM, Sun 12--10:15.

Critter Watching

Aquarium The New England Aquarium (State St. at Atlantic Ave., on the waterfront in Boston, 973-5200; MBTA: Aquarium) has impressive marine exhibits, including an enormous cylindrical tank with glass walls 2.5" thick in which sharks, groupers, sea turtles, and other large marine life live together, calmly ignoring the stares of visitors. Dolphin/sea lion shows daily. Hours: Mon--Thurs 9--5; Fri 9--8; Sat, Sun, and holidays 9--6. Admission: \$7.00 for adults, \$6.00 for students with ID (free admission on Fridays from 4:30--9). Group rates offered.

Franklin Park Zoo (Blue Hill Ave. & Columbia Rd., Dorchester; MBTA: Green St., then #16 or #29 bus) is filled with hundreds of animals and birds, and thousands of children every day. The **Children's Zoo** (442-2002), also in Franklin Park, allows children to mix with and feed small, tame animals. The entire zoo complex is being renovated. The area is dangerous at night but reasonably safe during daylight. Hours: 9--4:30 daily, April-Oct. Admission: adults \$2, children \$1. Call 442-0991 for recorded information.

Museums

Museum of Fine Arts Boston is richly endowed with museums. One of the most comprehensive is the **Museum of Fine Arts** (465 Huntington Ave., Boston by the Fenway; MBTA: Arborway Green Line). This museum boasts one of the finest collections of Oriental art in the Western World, excellent selections of Mediterranean and Renaissance art, and some fine French impressionistic works. They also have an impressive collection of American art, notably the works of Winslow Homer and colonial artists. One can sit in a reconstructed Byzantine chapel with uncomfortable pews and hear recorded Gregorian chants. There are often special shows, for which you must pay extra, of selected classical and contemporary artists in some of the more secluded galleries. The museum also holds concerts, films, lectures, classes, and children's events. This museum is worth repeated and thorough trips. The suggested procedure is to choose some small area and examine it at leisure and then shift to other areas on succeeding trips. Hours: Tue, Thurs, Sun 10-5; Wed, Fri 10-10. Closed Mon. Admission: free with an MIT student ID; for others \$5.00, free Sat until noon. Recorded information is available at 267-9377 (ANS-WERS), or try 267-9300, x363 for more information.

Isabella Stewart Gardner Museum The Gardner (280 The Fenway, one block from MFA, 566-1401; MBTA: Brigham Circle) is patterned after a sixteenth-century Venetian palace. It was once the home of the flamboyant Mrs. Jack Gardner and is stocked with her collection of nearly 200 pieces of Renaissance Italian art, with a scattering of items from other lands and periods. The artworks are placed in

strange combinations and juxtapositions and are often poorly illuminated; her will stipulated that *nothing* be changed. The collection includes paintings, sculpture, tapestries, furniture, ceramics, and rare books and manuscripts. There is a beautiful indoor garden growing all year at the core of the building. An excellent series of chamber music concerts is given Tuesdays at 6 pm, Thursdays at 12:15, and Sundays at 3PM. Museum hours: Wed--Sun 12--5, Tues 12--6:30. Admission: students, \$2.50. Call 734-1359 for recorded information on upcoming concert programs.

Institute of Contemporary Art The ICA (955 Boylston St., Boston, 266-5151; MBTA: Hynes Convention/ICA) sponsors exhibits by contemporary artists, lectures, and special events like children's art shows. Last year they hosted the controversial Mapplethorpe exhibit. flag1991 stuff Hours: Wed--Sun 11--5, Fri 11--8. Admission: \$2.50, \$2.00 for students; free Fri 5--8.

Science Museum The Museum of Science (Science Park, on the Charles River Dam between East Cambridge and Boston, 523-6664; MBTA: Science Park) exhibits objects of a scientific bent, notably a step-by-step model of an appendectomy, a beehive, an alcohol cloud chamber, and strobe displays. They also have the impressive Theatre of Electricity, containing a two-megavolt Van de Graaf generator. MIT students get in free to the exhibits with MIT ID. The renowned **Hayden Planetarium** is also part of the museum. Hours: Tues--Thurs 9--5, Fri 9--9, Sat--Sun 9--5, closed Mondays except holidays. For planetarium star shows, add \$1.50 for everyone. For the **Omnitheatre**, add \$6.00. The museum is always looking for student volunteers. For more information call 723-2500.

Museum Wharf Following the milk-bottle-shaped signs downtown should bring you to the forty-foot Hood Milk Bottle (where you can buy ice cream and frozen yogurt) and to Museum Wharf (300 Congress St., Boston, 426-8855; MBTA: South Station), the home of a rather unusual museum. **The Children's Museum** is designed to let children 2--12 years of age learn about the world around them through "hands-on" experience. Here, the curious can learn about other people in other cultures, wildlife inside and outside the city, and even (gasp!) computers. (The **Computer Museum** is right next door.) They have an educational miniature golf game, too! Hours: Tues--Thurs, Sat, Sun, 10--5, Fri 10--9. Admission: adults \$5.00, children \$4.00. Fri night from 5--9, \$1.

Boston Tea Party Museum The Tea Party Museum (Congress Street Bridge; 338-1773; MBTA: South Station or via the free Tea Party Courtesy Shuttle from the Old State House) is a full-sized working replica of the *Beaver II*, one of the ships raided by the colonial "Indians" in the protest against British taxes. Hours: 9--5. Admission: \$3.00 with student ID.

JFK Birthplace Across the BU Bridge, and very near the ZBT fraternity house (accessible via Red Line), is the John F. Kennedy Birthplace (83 Beals St., 566-7937; MBTA: Coolidge Corner). This restored house should send just about everyone's family through oceans of nostalgia. If you wish to learn more about the Kennedy family, however, the JFK library is out in Dorchester. Admission: \$1. Hours: 10--4:15 daily. Call 925-4567 for current information.

138 Sightseeing

Harvard University has eight museums in Cambridge. The first four are part of the same complex (Oxford St. and Divinity Ave.), which has an admission charge of \$2.00 adult/\$1.50 student, free Sat 9--11. Following are brief descriptions, which in no way do justice to the museums. All are fascinating and merit repeated visits.

Peabody Museum of Archaeology and Ethnology (495-2248) is an anthropological museum with many Indian artifacts. Hours: Mon--Sat 9:30--4:15, Sun 1:00--4:30.

Mineralogical Museum (495-1910) offers mineral exhibits.

Botanical Museum (495-2326) features a renowned display of glass flowers.

Museum of Comparative Zoology (495-2463) features dinosaurs and stuffed animals.

Busch-Reisinger Museum (29 Kirkland St., 465-2317), a reconstructed Gothic cathedral, displays medieval German art. Organ recitals are at 12:15 on Thursdays during the school year. Hours: Tues, Weds, Fri, Sat 10--5, Sun 1--5, Thurs 10--9. Admission: \$3 (\$1.50 student), free Sat 10--12.

Fogg Art Museum (Quincy St. and Broadway, 495-2387), built in the style of an Indian palace, houses Harvard's extensive permanent art collection in addition to a wealth of temporary exhibits. Hours: Tue, Weds, Fri, Sat 10--5, Thurs 10--9, Sun 1--5. Admission: \$3 (\$1.50 student), free Sat 10-12.

Sackler Museum (Quincy St. and Broadway, 495-2387), is devoted to Oriental and Islamic art. Hours: Tues, Weds, Fri, Sat 10--5, Sun 1--5, Thurs 10--9. Admission: \$3 (\$1.50 student), free Sat 10-12.

Semitic Museum (6 Divinity Ave., 495-5656), a recently-opened museum featuring Mideast cultural exhibits. Hours: Mon-Fri 11-5, Sat 1-5. Admission: free.

Carpenter Visual Arts Center at Harvard (on Quincy St.) is the only building in North America designed by Le Corbusier. It usually contains art exhibits. You can often watch artists at work, too.

De Cordova You will probably want a car to get to the De Cordova (259-8355) in Lincoln, although it's a pleasant one-hour bike ride from MIT or a two-mile walk from the Lincoln commuter line train station. The trip is worthwhile; the museum is in a beautifully remodeled house set among 30 acres of park land. It presents lectures, exhibitions by local artists, classes, films, and other educational activities. Hours: Tues--Fri 10--5, Sat--Sun 12--5. Admission: \$2.00 for adults, \$1 for those with college ID; there is an additional charge for the concerts on Sunday.

Trailside Museum (1904 Canton Ave., Milton, 333-0690) in the Blue Hills Reservation is virtually inaccessible without a car, but worth visiting. Live animals native to New England can be seen there. While you're there, climb to the top of Big Blue Hill for an excellent view of Boston. Hours: Tues--Sun 10--5. Admission: \$2.00; children under 12, \$1.00.

Arnold Arboretum (junction of Jamaicaaway, Rte. 1 and the Arborway, 524-1717;

MBTA: Forest Hills) is a beautiful 265-acre park filled with over 6000 labeled varieties of trees, vines, and flowers. "No bicycling or picnicking," just walking. Hours: sunrise to sunset. Admission: free.

Museums at MIT MIT runs several museums. The **MIT Museum** (2nd floor, N52) has displays pertaining to the history of science and technology, special exhibits such as 1988's *Bauhaus*, and light sculptures by Bill Parker '74. **Hayden Gallery** (in building E15) houses temporary exhibits of works by contemporary artists, often including MIT talent. Near it is a sculpture gallery. The **Hart Nautical Museum** (building 5) houses detailed wooden models of ships and pictorial reports on advances in ocean engineering. The **Creative Photography Galleries** (in the Armory) exhibit the works of contemporary photographers. The hallways on the first floor of the main complex have displays, often incorporating a high degree of technical and artistic talent, relating to MIT's programs and environment. Hallways on higher floors and those in out-of-the-way places show interesting aspects of work done in their respective regions. For instance, the fourth floor of building 4 outside of the late Doc Edgerton's strobe lab (affectionately called **Strobe Alley**) is full of strobe photographs. Other places to see are the **Compton Gallery** (building 10) and the exhibits at the Faculty Club (E52, sixth floor).

Art Galleries Lastly, there are the contemporary art galleries on Newbury St. in Boston, some of them traditional and some very avant-garde. They are fun to visit and may even tempt you to buy something. For complete listings of galleries in the Boston area, try the *Boston Phoenix*.

Entertainment

Boston, being both a real city and a multi-college town, offers an unparalleled selection of theater groups, concerts, professional and amateur sports, bars, clubs, and other ways to entertain yourself.

Resources

There are many places to look for up-to-date listings of things to do.

There are many newspapers which carry listings for plays and movies. Perhaps the best is the *Boston Globe Calendar* which appears in the Thursday issue. It contains listings for most movies and professional plays in the Boston area, and capsule reviews of the movies. Unfortunately it doesn't have much about movies and plays showing at colleges. Another good source, with pretty much the same information as the *Calendar*, is the *Boston Phoenix*. It contains capsule reviews of plays as well as movies. For information on things showing in New York, the Sunday issue of the *New York Times* is your best bet.

The *Tech* carries fairly extensive arts listings in "On the Town," and, along with *Tech Talk*, covers all MIT events. For Harvard events, the best newspaper for listings is probably the *Independent*, which you can find at the Mount Holyoke Information Center on Mass. Ave. It also reviews plays showing at Harvard. *What Is to Be Done* is the *Crimson's* weekly entertainment magazine, and it is generally hard to find. Sometimes it is dropped off at Lobby 7, but usually too late to be of much use. It comes out on Thursdays. The best place to find it would be at one of the Harvard houses. Posters can also be found at the *Loeb Drama Center* and scattered around campus. Often events will be announced only by poster so it is a good idea to look every now and then. Also, near the beginning of each play season, you may be able to find a copy of the *Drama Calendar*, which contains listings for most plays to be shown that season.

Other colleges list their events in their newspapers, as well as at various places around campus. For example, BU has listings of events on Commonwealth Avenue. The newspaper *Campus Calendar*, dropped at Lobby 7, the Student Center, and outside the Tech Coop near the end of every month, has a good number of listings for many colleges.

Classical Music

Boston is a great city for music. The **Boston Symphony Orchestra** (BSO), directed by Seiji Ozawa, is one of the world's finest orchestras. A favorite of Boston audiences, Seiji is great fun to watch as well as listen to. Other outstanding conductors like Colin Davis and Klaus Tennstedt make frequent guest appearances.

Concerts are given in the near-acoustically-perfect Symphony Hall (corner of Mass. Ave. and Huntington Ave., Boston; MBTA: Symphony) on Friday afternoons, Saturday nights, and assorted Tuesday and Thursday nights. They are divided into several series, which are sold on a subscription basis at Symphony Hall. There is also a set of eight open rehearsals. These feature unreserved seating, informal

dress, a half hour lecture on the works to be performed, and a run-through and rehearsal of the coming Friday-Saturday pair's program. The rehearsal subscription series is one of the most popular and is usually sold out by early fall.

Here are some ways to acquire tickets: First, you can buy a subscription for a series at Symphony Hall. This is a good buy, with a guaranteed location and renewal rights, if you know you'll be free and interested in going to all the concerts (or you can sell the extra ones). For single tickets (that is, any number of seats for a single concert) you can try the Symphony Hall box office (266-1492) four weeks in advance. They often have seats for sale for weeknight series, but they are at full marked price. Occasionally, an MIT community member will be unable to use his subscription seats on a given night; check the Music Library bulletin board for such announcements. Also, try the box office a few hours before a performance; subscription holders unable to attend often turn their tickets in for resale at the last minute. This is often the easiest way to get tickets. They are sold at full price. Symphony Hall also offers single tickets cheaply through "rush seats" - 150 tickets are put on sale for \$5.50 at 9 AM Friday and 5 PM Tuesdays or Saturdays. (For a popular concert, get there *at least* one hour early.)

The BSO, minus its first-chair players, performs "light" classics and popular music as the **Boston Pops Orchestra**, directed by Keith Lockheart, from mid-April through mid-July. Pops programs are long streamers which can sometimes be found around MIT. The seats on the floor of Symphony Hall are replaced by tables and the suit-and-tie patrons by noisy champagne drinkers, but it's all in the Pops' style. If you go, try to sit in the second balcony in order to avoid the noise from the floor. "Tech Night at the Pops" (an annual tradition) is generally attended by alumni, and tickets are available through the Alumni Association. You, too, can sing "Arise All Ye of MIT" to the strains of the Boston Pops!

First chair players of the BSO comprise the **BSO Chamber Players**. They give several concerts a year in Sanders Theatre. Information can be obtained through Symphony Hall. Tickets can be obtained through subscription from Symphony Hall only. This chamber ensemble is one of the very best around.

Boston has many excellent ensembles which specialize in early music (Baroque and its forerunners). Among the finest of these is the **Academy of Ancient Music** (721-1200), directed by Christopher Hogwood.

Martin Pearlman's **Banchetto Musicale** (491-7282) uses authentic period instruments whenever possible. This superb group gives several concerts a year at Jordan Hall, and a few smaller ones at the First & Second Church (Marlborough St.)

Sinfonova (938-6828), and Joel Cohen's **Boston Camerata** (262-2092) are also fine ensembles which perform frequently in the Boston area. When last heard from, Sinfonova was having financial difficulties.

The MFA's resident trio, with frequent guest performers, perform in the Museum of Fine Arts' **Early Music Series** (267-2973). Tickets are \$8. Also noteworthy is the

BU Early Music series (353-3343). For \$2 you can't go wrong.

Other professional orchestras in town include the **Pro Arte Chamber Orchestra** (661-7067), the **Boston Classical Orchestra** (426-2387), directed by F. John Adams, and the **Boston Premiere Ensemble** (782-2582).

Great Woods Center for the Performing Arts is in Mansfield on Route 140 & 495. There is no "resident" orchestra yet, but one should exist within a few years due to the fact that the acoustics are excellent and the outdoor setting is both beautiful and close to Boston.

There are two professional operatic companies that perform in Boston. The (New York) **Metropolitan Opera** usually comes here in June on its annual tour, with a general sampling of its justly famed star singers.

The **Opera Company of Boston** (539 Washington St., 426-2786) is a local company run by Sarah Caldwell. It features both local and out-of-town top-notch performers. Sara Caldwell is excellent at directing and producing operas, and the final product is always outstanding. Performances are held at the newly renovated Savoy Theatre, and tickets are regrettably expensive. The best way to get tickets is through a series subscription; tickets bought singly are 25% more expensive and are available only two weeks before a performance. For impoverished students willing to wait until the last moment, rush tickets (assuming there are still seats left) go on sale half an hour before performances.

Boston probably has more good choral music than anywhere else in the country. The **Handel and Haydn Society**, which has been around since the early 1800's, gives ten performances a year. The highlight of its season is its annual performance of Handel's *Messiah* in Symphony Hall at Christmastime. Christopher Hogwood, the artistic director of the society, is rather famous. The H&H's name is narrower than the Society, whose programs include works by other Baroque and Classical composers as well. They offer student subscriptions to their six-concert Symphony Hall series and their four-concert Jordan Hall series for as little as \$28, which is less than half-price. For ticket information call 266-3605.

Less well known, but no less fine, are the **Cantata Singers** (282-3748) and the **Cecilia Society** (232-4540). The Cantata Singers primarily perform Baroque works although they occasionally include contemporary pieces. The Cecilia Society has a broader repertoire. Both groups perform at the Sanders Theatre.

One of the best choral groups in the area, directed by MIT's own John Oliver, is the **John Oliver Chorale** (734-8618), which performs a broad spectrum of choral music.

The **Boston Celebrity Series** brings dozens of superb artists (e.g., Alvin Ailey, Murray Peheria, Isaac Stern) to Boston. They perform in Symphony Hall, Jordan Hall, and, occasionally, other places. Check the flyer, which is available in the Music Library. Tickets can be bought on a subscription basis from the Boston Celebrity Series (31 St. James Ave., Boston, 482-2595) or individually from the concert halls involved.

The **Peabody-Mason Music Foundation** brings guest artists to Sanders for six concerts; tickets are free. (Funding came from Mrs. Mason's bequest.) To get one, you have to write a letter postmarked no earlier than one month before the concert, enclose a stamped, self-addressed envelope, and mail it to the Peabody-Mason Music Foundation, P.O. Box 153, Back Bay Annex, Boston 02117. Send your request (no more than 2 tickets per person) very soon after the one month limit because tickets go very quickly. A wide variety of chamber works is presented. A schedule can generally be found in the Music Library.

Boston has a resident ballet group, **The Boston Ballet** (553 Tremont St., 542-3945). The season runs from November to May and often features outstanding guest dancers.

Local schools of music often present recitals by students and staff which can be excellent and are usually free of charge. The **New England Conservatory** (290 Huntington Ave., Boston, 262-1120) publishes a monthly listing of performances there. Of special note are that school's symphony orchestra, chorus, and ragtime ensemble. Also try the **Berklee College of Music** (1140 Boylston St., Boston, 266-7455) and the **Longy School of Music** (1 Follen St., Cambridge, 876-9056).

At MIT there are several sources of music. The Humanities Department sponsors free noon-hour chamber music concerts on Thursdays in the Chapel. Periodically, (usually on Fridays at noon) there are concerts in Killian Hall (building 14). The Music Department sponsors a series of evening concerts throughout the year, and the concerts are generally free and open to the public. Call the music office (x3-3210) to get on their mailing list.

Of special interest are the following groups that not only provide excellent performances throughout the year but also offer the opportunity to participate. The **MIT Symphony Orchestra** is open to MIT and Wellesley students and alumni. Its repertoire combines standard classical works with a significant amount of contemporary music. The **MIT Concert Band** is open to the entire MIT community. It is devoted entirely to original works written for wind ensemble and commissions a new work every year. The band presents four concerts at MIT and one at Wellesley annually, and goes on a winter concert tour during the last week of IAP. The award-winning **Festival Jazz Ensemble** and **Concert Jazz Band** are student jazz groups that perform at concerts at MIT as well as at other local colleges. In addition, the Festival band travels to jazz festivals throughout the year. The **Choral Society** is a mixed chorus open to students and the entire MIT community. Two performances a year are given with professional orchestras and soloists. The **Chorallaries** are a mixed, *a cappella*, popular music singing group comprised of undergraduate and graduate students. They give frequent concerts at MIT, and also sing at local schools and at colleges throughout the country. The **Logarhythms** are an all-male close-harmony *a cappella* group of about 12 people. The Logs sing barbershop, pop, and Tech melodies to high school, alumni, and college audiences. Each year they give four concerts at MIT as well as several at other colleges. The **Muses** are a more recent, all-female *a capella* group. The **Cross Products** are a Christian *a capella* group. The **MIT Chamber Music Society** is also open to all members of

the MIT community. This group provides coaching by music faculty and staff for all kinds of chamber ensembles. Groups whose work leads to performance can receive credit for 21.655. The Society sponsors concerts in the Music Library and in the Sala de Puerto Rico in the Student Center, as well as an evening series in Kresge Auditorium. Other musical groups include the **MIT Brass Ensemble** and the **Gospel Choir**.

For most of the above events there are standard sources of information that can be checked regularly. The **MIT Music Library** maintains a bulletin board with concert announcements, and the music department has boards on the second floor of Bldg. 14 and in the Infinite Corridor. There are concert listings in several papers, especially *The Boston Phoenix/B.A.D.*, the *Boston Sunday Globe*, and the *Calendar* section of the *Thursday Globe*. Also check WCRB's magazine *Classical Radio Boston* and the *Boston Review of the Arts*. The Symphony Hall box office is a good place to call for information on all events at the Hall, including BSO concerts. Jordan Hall (536-2412) is the location of New England Conservatory concerts and of other events.

During the summer there are performances by various groups on many of the city's parks and along the Esplanade in the Hatch Shell. The **Boston Pops Esplanade Orchestra** plays free here during the first two weeks of July, but crowds can be very large. The BSO moves to Tanglewood in western Mass. for the summer. For information call 266-1492.

Folk Music

The center of the Boston folk scene is **Passim** (47 Palmer St., Harvard Sq. 492-7679), which attracts nationally famous performers and charges \$4 to \$8 depending on the performer and the night. **Nameless Coffeehouse** (3 Church St., Harvard Sq.) is free, and always jammed to the gills. The quality of performers is quite varied. The **Plough and Stars** (912 Mass. Ave., Harvard Sq.) is an Irish pub with Irish music on traditional instruments and occasional folk and blues. **Jonathan Swifts** (30 JFK St., Harvard Sq.) sometimes books top folk performers in addition to its staple of rock and jazz.

Local colleges, most notably Harvard, sponsor folk concerts which can also be quite rewarding.

Boston Area Friends of Bluegrass and Old-Time Country Music (BAF) holds concerts and runs bluegrass and country music festivals. You can get on their mailing list by sending \$1 to BAF, 36 Lancaster St., Cambridge, MA 02140. **Living Folk Records and Concerts** (65 Mt. Auburn St., Cambridge) distributes announcements of their upcoming concerts free on request.

Rock Music

Rock music is all over - sometimes at coffeehouses but more commonly at regular concerts. Boston's huge college population is constantly pulling in top performing and recording groups, and you need only to keep your eyes open to find announcements. *Rolling Stone* magazine tells about upcoming events and concerts also.

Most of the major concerts occur either at the **Worcester Centrum** (798-8888) or at the **Providence Civic Center** (1-401-331-6700). Tickets can be bought at the box office or at **Ticketron** locations (for example, at the Berklee Performance Center on the corner of Mass. Ave. and Boylston St.; MBTA: Hynes Convention Center/ICA). Tickets can also be charged over the phone through **Teletron** (1-800-382-8080 or 720-3434 in Boston) or **Concert Charge** (497-1118). Some groups perform at the **Orpheum Theatre** (Washington St., Boston, 482-0650) or the **Wang Center** (482-9393). Tickets for these can be bought at the box office or at **Ticketmaster** locations (for example, 1 Hamilton Place, Boston, 1-800-682-8080 or 523-6633 in Boston) or charged over the phone, 931-2000. You can also try **Out of Town Tickets** in Harvard Square for any show, but be warned that they sell poor seats and add a \$5 service charge. Other places to try for tickets are **Hub Ticket Agency** (240 Tremont St., Boston, 416-8340) and **Concourse Ticket Agency** (South Station, Boston, 542-3905). Boston is a great place to see new groups in club settings. Clubs which often attract national acts include **The Paradise** (967 Comm. Ave., Boston, 254-2052), **The Metro** (15 Lansdowne St., 262-2425), and **The Channel** (25 Necco St., Boston, 451-1050). The Student Center Committee (w20-311, x3-3319) runs **Strat's Rats** with live music on Thursdays in Lobdell.

Movies

Most popular films are presented at MIT by the **Lecture Series Committee** (LSC, W20-469, x3-3791), which also sponsors lectures by famous personalities (e.g., Douglas Adams and Leonard Nimoy) from time to time. An entertainment series featuring recent films is shown in 26-100 or 10-250 on Fridays, Saturdays, and Sundays; admission requires an MIT or Wellesley ID. Unlike many other college film groups, LSC shows films in 35mm format, almost always in Dolby Stereo. Friday evenings, LSC runs "Classic" movies. Admission is \$2 for all movies; schedules and term calendars may be picked up at Registration or at LSC. You can also buy an LSC Superticket which entitles you (with guests) to a total of 20 admissions for \$35. It's a little cheaper, and it saves you the waiting in long ticket lines.

There are several other MIT groups which put on films. The **MIT Film Society** presents experimental and classical works. The **Humanities Department** has free films that are related to class discussions but often excellent in their own right. (Get schedules from Course XXI headquarters.) The international student organizations often show the better films from their native lands. MIT showings are usually announced on the bulletin boards and in *Tech Talk*.

The Student Center Committee runs the Midnight Movie Series on some Saturday nights at midnight in Lobdell in the Student Center. These movies are free with MIT or Wellesley ID. Schedules are available at the SCC office (W20-347) at the start of each term.

Almost all commercial movie houses in the area have been taken over by **Loews Cinemas**. Nonetheless, the flavor of many of the houses has been somewhat retained. Most of the downtown cinemas play typical first-run movies. The more "artsy" films show at Copley Place and the Nickelodeon (both in Boston), and at the

Harvard Square and Janus theaters in Cambridge. You can purchase discount tickets that can be used at most of the Loews Cinemas from the MIT Activities Committee. Check their listing in *Tech Talk* for information on how to buy these tickets.

There are very few repertory cinemas left and even the ones that remain may be gone by the time you read this. The **Brattle Theater** (Cambridge), the **Somerville Theater** (near Davis Square) and the **Coolidge Corner Theater** (Brookline) show older films. You can see a large variety of films also at the **Harvard Film Archive** (Cambridge) and French films at the **French Library of Boston**. Schedules are available at each theater (at the Holyoke Information Center in the case of the Harvard Film Archive), and the Somerville Theater often drops its schedule at Lobby 7. Information for showings for the current week for all of these theaters (and others) are listed in the *Boston Globe Calendar* and other newspapers.

Probably the best place to see older films is at LSC (with a Friday night Classics series and middle-aged movies on Sundays) or some other college-run showing. Harvard, Boston University, and other nearby colleges also show films; check with the particular university's publications.

Video Rentals Another possibility is to rent videotapes. **Videosmith** (the nearest in Central Square on Massachusetts Avenue) has probably the largest selection, and publishes a magazine available in each store with a complete listing of the overall inventory. There is a **Blockbuster** in Central Square on Massachusetts Avenue. **Tower Records** in Boston on Massachusetts Avenue also rents videos. There are other, smaller video rental places around as well.

Spectator Sports

Boston has major league baseball, basketball, football and hockey teams, along with an impressive number of collegiate, semi-professional, and special groups. For quick information about yesterday's local and national games, call the Boston Globe Score Board anytime (265-6600). For more detailed information, call the Sportsline, which is a 50-cent call (1-900-976-1313).

The **Red Sox** specialize in frustrated fans. In recent years the Sox have been near the top of the American League East. They enjoy fanatic support from the Boston fans. They play at Fenway Park, which is near Kenmore Square; convenient by foot or subway, guaranteed traffic jam by auto. For more information, call 267-8661. Tickets range between \$6-\$14.

The **Celtics** have been NBA World Champions 16 times in 40 years. Self-appointed coach M. L. Carr leads an inexperienced crew including Dino Radja, Dee Brown, and Rich Fox. The Celts play in the Fleet Center, located by North Station and the old Boston Garden and easily accessible by T. Buy your tickets early, especially if you want to see them play the Sixers, Bulls, Rockets, Lakers, Bucks, Hawks, or Pistons. For tickets and more info call 523-6050.

The **New England Patriots** have plenty of rude fans and feature expensive tickets. No one knows how well Drew Bledsoe, Bill Parcells and the Pats will fare in the AFC East this year. Home games are played at Sullivan Stadium in Foxboro. For

information and tickets, call the club at 262-1776. Round trip fare to the stadium from South Station is around \$3. Call 482-4400 for more information.

The **Boston Bruins** just might win the Stanley Cup this year. The Bruins, like the Celts, play in the Fleet Center. Tickets are available by mail at the beginning of the season, and at the box office starting a few weeks before the game if they are any left. Watch the papers for announcements of sale dates or call the box office at 227-3200.

The **Boston Marathon**, run each year on Patriot's Day (in mid-April), draws large numbers of both competitors and spectators. Information starts appearing in the papers a month before the race. The race goes through Wellesley and Kenmore Square, and finishes at the Boston Public Library on Boylston Street.

For women, there is the ten kilometer **Bonne Belle** road race in October on the Monday closest to Columbus Day. The race starts and finishes at the Common, and the course goes down Memorial Drive, past the MIT dorms.

The **Head-of-the-Charles Regatta** is the largest single-day rowing regatta in the world and draws crews from all over the world, including MIT. It is held the second-to-last Sunday in October (which is during Parents' Weekend). The race starts at the B.U. boathouse and finishes at the Cambridge Boat Club. The bridges along the river are good places to watch the race.

Another sporting event in Boston is horse racing, which draws bigger crowds than any other sport. **Suffolk Downs** racetrack (567-3900) features harness racing in the fall and flat racing in the spring. It is easily accessible by car or by MBTA as is **Wonderland**, the greyhound racing center. During the summer there is harness racing at **Foxboro**, located south of Boston on Rt.-95.

But the meat of spectator sports around Boston lies in the collegiate teams which compete in every imaginable sport, including tiddly-winks. The collegiate events which draw the greatest crowds include football at Harvard and Boston College, basketball at the same two schools, and hockey and crew races in general. This specific listing is not meant to belittle anything not mentioned, merely to point out the most obvious popular events.

Theater

There are a number of excellent theater groups at MIT. **Dramashop** (W16-018; x3-2908) puts on a wide variety of plays, while the **MIT Musical Theatre Guild** (W20-453; x3-6294) does musicals. The **MIT Community Players** (x3-2530) and the **Tech Random Music Ensemble** also produce plays. The **MIT Gilbert & Sullivan Players** (395-0154) are noted for the quality of their productions. The **Shakespeare Ensemble at MIT** (W20-423; x3-2903) specializes in productions of Shakespeare and scenes from modern plays. If you wish to actually get involved in drama, one of these groups would be good to contact. Look for posters for auditions around campus and announcements in *The Tech* and *Tech Talk*. The Theater Arts Office (W16-015, x3-2877) is an excellent source of performing arts information. They operate a 24-hour recorded information line (x3-4720) which has

information about all MIT theater and dance performances.

Dramas abound at **Harvard University**, ranging in price from free to \$15 for big productions. The seasons run from October to December and from March to May. There are typically over 40 productions covering the entire range of theater. Large productions are shown on the Mainstage of the **Loeb Drama Center** (64 Brattle St., Cambridge; 864-2630). Also in the Loeb is the Experimental Theatre, which shows plays weekly for free. You can pick up tickets up to one day in advance. Go early - the tickets are usually gone. Despite the name, the plays shown are not always experimental, but rather high-quality productions of plays ranging from musicals to Pinter. Harvard also has a Gilbert and Sullivan company which does one production per term at the *Aggasiz Theatre* in Radcliffe Yard; they tend towards slapstick rather than real musical theatre, though.

Most plays are shown at the various Houses at Harvard, which explains the huge number of productions. They are generally done in common rooms or basements or dining halls, with limited seating. Despite the unprofessional atmosphere, the quality of the plays tends to be excellent. Tickets are sometimes available at the Holyoke Information Center; otherwise you can get them at the door maybe a half hour before the show begins.

Other colleges in the area also show plays. Brandeis University produces plays at their Springold Theater (736-3400) of a very high quality, comparable to Harvard. Wellesley, Boston University, Tufts, Emerson, etc., all have drama groups of varying quality. Try them out and see.

There are also many active professional theaters in the Boston area. The nationally famous **American Repertory Theatre** (547-8300) shares the Loeb Drama center with Harvard. They specialize in world premieres as well as radical reinterpretations of classic plays. Prices are high but you can usually get "student rush" seats by bringing your ID there, and if there are seats before the show begins you can get them for a bargain - something like \$9, which is still a lot. It's a good idea to call ahead and ask about the potential availability of such a rush. Even better if you plan to see everything in one season (which covers the whole school year) is to buy a student pass in the early fall, which entitles you to see five plays for approximately \$50, and be able to get virtually any seat you want for most performances. Student passes also come with discount coupons for other theaters. Other professional theaters often have student rush and/or student passes; check with the theater. Another feature of the ART is volunteer ushering. You can sign up to usher a play and see it for free. This is a lot of fun.

Other good theaters are the **New Erlich Theater** at the Boston Center for the Arts (539 Tremont Street, Boston; 426-5000), the **Charles Playhouse** (76 Warrenton St., Boston; 426-6912), the **Lyric Stage** (54 Charles St., Boston; 724-8703) and the **Huntington Theater Company** (264 Huntington Ave., Boston; 266-3913) at Boston University. All typically produce modern classics and some older plays. **The Boston Shakespeare Company** (52 Botolph St., Boston; 742-8703) seems to do experimental plays and dance pieces these days, and the **Mobius** (354 Congress St., Boston; 542-7416) specializes in experimental work. The **Shubert** (265

Tremont St., Boston; 426-4520), the **Wilbur** (246 Tremont St., Boston; 423-4008) and the **Wang Center** (268 Tremont St., Boston; 482-9393), all in the theater district near the Boylston MBTA stop are Broadway-style with steep ticket prices. Sometimes Broadway shows preview at one of these. There are many other theaters in Boston. Check the theater listings.

Tickets for theater events may be purchased in advance by mail or in person at the box office. Some theaters will take a phone charge if you have a major credit card. Concert Charge (497-1118) is a good number to call to charge most major theater events. Theater tickets may also be bought at a ticket agency such as **Out of Town Ticket Agency** at the Out of Town Newsstand in Harvard Square, 492-1900. Tickets at half-price for same day performances can be obtained at BOSTIX in the Faneuil Hall Marketplace, 723-5181. Full price tickets for future dates can be obtained there as well. BOSTIX is open Monday-Sat 11 AM-6 PM, Sun noon-6 PM. Advance half-price tickets may be obtained from Arts/Mail (Arts/Boston, Suite 508, 59 Temple Pl., Boston, 02111). They charge \$1 for handling per transaction.

Bars, Clubs, and Dancing

(Remember, the legal drinking age in Massachusetts is 21.)

Axis (15 Lansdowne St., Boston, 262-2437) All types of music, including punk and funk. Two floors. Recorded and live music. Cover: \$2-4.

Bunratty's (186 Harvard St., Brighton, 254-9804; MBTA: off Comm. Ave., Greenline) Live bands nightly. Large dance floor. Variable cover to \$4.

Cask & Flagon (62 Brookline Ave., Boston, 536-4840; MBTA: Kenmore and 335A Huntington Ave., Boston near Northeastern, 266-1705) Rock music, college crowd. Usually no cover.

The **Channel** (25 Necco St., Boston near South Station, 451-1050) Live new wave, reggae, and rock nightly. Cover varies. Call for shows and ticket costs.

Club Ill (608 Somerville Ave., Somerville, 623-6597) Jukebox or Live new wave. Cover varies.

Crossroads (495 Beacon St., Boston, 262-7371) Just over the Harvard Bridge. Food and/or drinks. No cover. Guinness Stout on tap.

Father's Fore (300 Mass. Ave., Cambridge; also Father's Five, corner Mass. Ave., & Marlborough, Boston) Very convenient to MIT and inexpensive. Student crowd. No cover.

Modern Times Cafe (134 Hampshire St., Cambridge, 354-8371). Live music. Lots of fun. Cover varies.

Nightstage (823 Main St., Cambridge, 497-8200) Live blues, jazz; call for shows. Cover varies. Expensive.

Paradise Rock Club (967 Comm. Ave., Boston, 254-2052) New wave, rock, folk, blues, and country every night. Tickets for some shows can be purchased in advance at Ticketron.

Spinoff (145 Ipswich Rd., Boston, 437-0000) Roller skating to disco and rock. Great fun for groups.

1270 Club (1270 Boylston St., Boston 437-1257) Highly recommended disco for gay men and women. New wave bands Wednesday nights (not a gay night). Two floors. Cover \$1-3.

Comedy

There are a few good comedy clubs in the area. Some have no cover or minimum, others do. Discount coupons are frequently distributed in papers and on Mass. Ave.

Sam's Comedy Cellar, Play it Again (1314 Comm. Ave., Brookline, 232-4242) No-frills basement comedy club. Thurs. is open-mike night. Cover charge.

The Comedy Connection (Quincy Market) National level acts every night of the week. Cover around \$10. Tickets can be bought in advance.

Other clubs include **Stitches** (424-6995), **Nick's Comedy Stop** (482-0930), and **Catch a Rising Star**, on Warrenton St.

Coffeehouses

Coffeehouses are pleasant places to study, talk, relax. Some have music every night; others simply have tea, cake, and a pleasant ambience.

Algiers (Truc. Complex, Brattle St., Cambridge, 492-1557; MBTA: Harvard Sq.) Cozy basement coffeehouse, with interesting coffees. At random times, guitar pickers visit and perform for free.

Blue Parrot (123a Mt. Auburn St., Cambridge, 354-7289; MBTA: Harvard Sq.) Good food, bright cheery atmosphere, well-chosen recorded music.

Coffee Connection (The Garage, Brattle St., 492-4881; MBTA: Harvard Sq., Faneuil Hall, 227-3821; MBTA: Govt Ctr.) Excellent coffees, stale pastries, and apathetic waitresses. Sit at the coffee bar if you want to be served. Of course, if you don't want to be bothered...

Greenhouse Coffeeshop (3 Brattle St., Harvard Sq., 354-3184; MBTA: Harvard Sq.) A coffeehouse in a greenhouse. (What will they think of next?) No music, but a great place to go to talk.

Grendel's Den (89 Winthrop St., Cambridge, 491-1050; MBTA: Harvard Sq.) Quiet recorded music, bar, good pastries and coffees. Try their pomegranate frappes. Waiters are friendly, and there are flowers on every table. Open until 1 AM weekends. Pastries are half price after 10 PM weeknights.

Corey's Back Bay Cafe (160 Comm. Ave., Boston, 536-3556; MBTA: Copley) Live jazz every night, terrible food, crowded on weekends.

Nameless Coffeehouse (3 Church St., Harvard Sq., 864-1630) Has folk singers and contemporary rock musicians. The performers are volunteer, and range in quality from poor to excellent. New acts every half-hour, so be patient if you don't like what you hear. No cover charge. Open weekends. Call for info. Refreshments

including hot cider and cookies served free, but donations are requested.

Off the Wall (3 Pearl St., Cambridge) Dark and comfortable. Features short movies every night. Small cover.

Passim (47 Palmer St., Cambridge, 492-7670; MBTA: Harvard Sq.) Barely a coffeehouse. Better classified as a folk club, it offers nightly concerts by the top local musicians and a high cover. WERS broadcasts "Live from Passim's" every Sunday afternoon.

Check the *Boston Phoenix* for current information. Almost every college in the area has its own coffeehouse during the academic year. Harvard's coffeehouses can be quite good.

The **24 Hour Coffeehouse** (x3-7972) in the Student Center sells donuts, bagels, candy, coffee, fruit drinks, and some other items. Recently they've taken to calling themselves the **Java Hut**. The **Muddy Charles Pub**, operated by GSC, is open in Walker during lunch and in the evening on weeknights. The pub serves beer, wine, and munchies. The **Thirsty Ear Pub**, run by graduate students and located on the basement of Ashdown House (Building W-1) features a wide selection of beers (imported and domestic), munchies, music, and competitive prices. It is also available for rental to private parties. (Call for details). Open Wed, Thurs, and Fri nights.

Shopping

Although it may not seem so at first, Boston is a real town and real people live here. Thus, almost anything that real people need can be bought in the area. Chances are, you can get to what you want to buy on the T or the bus or a combination of the two (see *Transportation*), but occasionally a car is useful. We have given public transportation directions to places in the suburbs when we could. If we did not give directions, call the store. Most stores are quite willing to give you decent directions; after all, they are expecting you to give them your money. Ask for a student discount wherever you go; many places offer them if asked but won't bring the matter up themselves.

If you don't find what you are looking for here, ask around. Chances are good that someone you know has wanted to buy what you now want to buy. You can ask around to check a store's reputation.

Appliances

Get advice from a knowledgeable person or organization before making a major purchase. *Consumer Reports* is one place to look; they also produce a *Buying Guide Issue*. Both of these can be found at the Humanities Library.

Probably the best and most convenient places to buy appliances are **Lechmere** (491-2000) and **Sears** (221-4900) (see *Department Stores*, below).

Art and Drafting Supplies

Perhaps the first place one would think of to go for art supplies is **Charette** (495-0250) at 95 Mt. Auburn St. in Harvard Square. They charge list price, but have a very large selection. If you can't find what you want anywhere else, Charette will have it. Get into their student discount program: \$4 per year will get you 20% off everything and 40% off paints in tubes.

There are some other options: **Pearl Art and Craft** (547-6600) in Central Square has an extensive collection and reasonable prices. **Bob Slate Stationery** (547-1230), at 1288 Mass. Ave. in Harvard Square, has art supplies as well as stationery and office supplies. The **Harvard Square Art Center** (491-3883) at 17 Holyoke St. in Harvard Square has a large selection.

Bicycles

Bicycles and accessories can be purchased from several stores in the area; check the Yellow Pages. Stores include **Cambridge Cycle Mart**, **Lifecycle**, **The Bicycle Revival**, **Bicycle Workshop**, **Herson Cycle**, **Brookline Sales and Service**, and the **Ski Market**. Shop around before you buy and make sure you don't get rooked on accessories. **Hint:** Buy a lock and chain first, so that you have a means of keeping your brand new bike.

Books

This is a very very very incomplete list. There are literally millions (ok, maybe not millions...) of places to buy books in Boston and Cambridge. One of the best places is Harvard Square, which probably boasts more book stores than ice cream parlors. However, there are bookstores scattered throughout Boston. For lack of

HowToGAMIT XXVII

time, the "book" lists herein are largely comprised of stores in Harvard Square. There are many others in Boston, particularly on Newbury St. but also elsewhere. The yellow pages, friends, and an afternoon to go wandering are among the best ways to find new ones. Following this list there are separate lists of special interest books, textbooks, and used books.

Two of the largest bookstores in Boston are **Waterstone's** (859-7300) in Back Bay and **Barnes and Noble** in Kenmore Square, each with over 15, 000 titles. In addition to their vast selection, each has helpful staff and welcomes browsers. **Wordsworth** (354-5201) discounts everything except textbooks, and is very convenient to MIT. **Barnes and Noble** in Downtown Crossing also discounts and has a good selection. Other bookstores in the area include:

Barillari Books (894-2400) 1 Mifflin Place, just north of Harvard Square. They discount and have an okay selection, but the staff and management tend to be rude and books are often hard to find.

The **Harvard Coop** (494-2000) 1400 Mass. Ave. Good selection of text, reference, fiction, and nonfiction.

Reading International (864-0705) 47 Brattle St., Harvard Square. General books, periodicals, journals, foreign magazines, bargain books, records, tapes, cards, fiction, mystery, travel, Black studies. Open late.

Books, special interest

ABT Books and Electronic Libraries (661-1300) 146 Mt. Auburn St., Harvard Square. Scholarly publishing, science, business strategy, education, health care, housing, economic development, environment, and the arts.

Ahab Rare Books (547-5602) 5 JFK St., Harvard Square. Antiquarian, literature, Americana, autographs.

Asian Books (354-0005) 12 Arrow St., Harvard Square. History, thought, language, literature, architecture, and art of Asia and the Islamic world.

Dawn Horse Bookstore (864-0099) 99 Mt. Auburn St., Harvard Sq. Spiritual literature.

Glad Day Bookstore (267-3010) 673 Boylston St., Boston. Gay and lesbian literature.

Grolier Book Shop (876-1832) 6 Plympton St., Harvard Square. Poetry. Catalogue; special and mail-order; poetry contest; readings; bulletin board.

Harvard Book Store (661-1515) 1256 Mass. Ave. Wide selection of new books, particularly fiction, philosophy, criticism, psychology, Afro-American studies, women's studies, classics. Great remainders. (They also have a pretty good used book section.

Harvard Press (495-2625) 1135 Mass. Ave. Harvard Press books.

H.L. Mendelsohn (576-3634) 1640 Mass. Ave. History of architecture, city planning, gardens, design, decorative arts. Catalogues.

154 Shopping

Mandrake Bookstore (864-3088) 8 Story St., Harvard Sq. Art, architecture, and philosophy books.

MIT Press (3-2889) Building E38, 292 Main St., Kendall Square. All MIT Press publications, plus a selection of books by MIT authors from other publishers. Excellent postcards and T-shirts.

New Words Bookstore (876-5310) 186 Hampshire St., Cambridge. Women's books.

Pandemonium (547-3721) on JFK St., Harvard Sq. Science fiction and fantasy, with discount program, games, used books; also some used videos for sale.

Quantum Books (494-5042) 4 Cambridge Center (behind the Marriot). Excellent technical/science bookstore. Friendly and helpful staff.

Revolution Books (492-5443) 14-B Elliot St., Harvard Square. Marxism; RCP, USA; Political economy; Central America; Africa; Women; Third World culture.

Schoenhof's Foreign Books, Inc. (547-8855) 76 A Mt. Auburn St., Harvard Square. Foreign language bookstore. Takes special orders for in print titles.

Seven Stars (547-1317) 58 JFK St., Harvard Square. New Age books and crystals.

Sky Light Books (491-8788) 111 Mt. Auburn St., Harvard Square. New age books, music, and other paraphernalia.

Starr Book Shop, Inc. (547-6864) 29 Plimpton St., Harvard Square. Antiquarian; sets, scholarly books, literature, philosophy, classics, general.

Books, textbooks

The most obvious place to buy your textbooks is The **Coop** in Kendall Square. This is where books ordered by the professors come in. They are organized by course number and are easy to find. However, they are crowded at the beginning of the term, so go early. The prices are list, because there's less markup on textbooks. (Blame the publishers, who think they have everyone cornered.)

The good news is that they don't always have you cornered. The first place to try to find books is from people you know who have taken the class. They may be willing to loan or sell you their books. Next try The **APO Book Exchange** (3-3788), which is held at the beginning of each spring and fall term and the **TCA Book Exchange** (3-4885), which exists year round in the TCA office (W20-450). At the end of a term, ads to sell textbooks are often posted on bulletin boards around campus. Many classes, particularly literature and other humanities classes, have books which can be found in normal new or used bookstores. The **Coop** sells used textbooks at a discount, and The **Harvard Bookstore** (see above) has a good selection of used textbooks, cheap, and other used bookstores occasionally do too -- call around.

One potential problem with used textbooks is that they may be an older edition of the book than the professor is using. For some classes this matters; for many it

doesn't. Just be aware that it might.

Books, used

Used books are a wonderful thing. Luckily there are many used bookstores in the area. Some are:

The **Book Case** (876-0832) 42 Church St., Harvard Square. Wide range of used books, both paperback and hardcover.

The **Brattle Bookstore** (542-0210) at 9 West St., Boston, is a "wicked awesome" (to quote an MIT student who has been here a bit too long...) used-book store. They will search for a book for you if they don't have it.

Goodspeed's (523-5970) at 2 Milk St. and 7 Beacon St. in Boston has good bargain tables but is otherwise overpriced.

The **Harvard Bookstore** (see above) also has a wonderful used book selection downstairs.

McIntyre & Moore Booksellers (491-0662) 8 Mt. Auburn St., Harvard Square. Has "academic" books, literature and general stock. You'll almost always find a jewel hidden in the stacks at a good price. Has another, smaller store at 30 Plimpton St.

Starr Book Co. (542-2525) at 186 South St., Boston, has a great selection of used hardbounds at reasonable prices.

Many of the "special interest" bookstores also carry used books in their particular fields, and **Pangloss** in particular also has a good selection of used general interest hardcovers.

Building Supplies

see **Hardware and Building Supplies**

Calculators

You should probably mail order from the New York Times for anything really fancy (HP or Texas Instruments). However, you don't necessarily need something really fancy; you should consult with upperclassfolk before deciding that you do. If you're going to get a more ordinary calculator you should go to **Lechmere** or, if you're really lazy and don't mind paying a bit much, to The **Coop**. Both stores have occasional sales. Also, people sometimes sell their calculators in *Tech Talk* and on bulletin boards around campus.

Cars

Buying a car is often a person's first big purchase, and, if not done carefully, can easily become a person's first big monetary mistake. Whether buying a new or used car, you should first look at three publications. First, read the April issue of **Consumer Reports** (available in the Humanities or city libraries), which compares all current models (repair records, how well they survive crashes, how well they handle, etc.), and gives specific recommendations for new and used cars. Second, buy the current copy of *Edmund's* car price guide for the type of model(s) you are interested in. (There are price guides for American, foreign, economy, large, and

used cars.) Edmund's car price guides detail all list and dealer cost prices for cars, as well as all options. Edmund's also includes specifications, list of standard equipment, warranties, some gas mileage figures, and some photographs. Finally, before even considering walking onto a car dealer's lot, read *Don't Get Taken Every Time* by Remar Sutton. Despite the hokey title, this really is an outstanding book. Remar Sutton, a former car dealer himself, details *everything* you need to know (in a very readable fashion) to insure that you get a good deal. In addition, do *not* let the dealer affix an inspection sticker; have the car inspected yourself. If it does not pass, the dealer must repair it for free. This advice goes double for used cars.

New Cars: Take time to shop around and be prepared to bargain with the salesman; his first price usually isn't the best he can offer. Prices tend to be up to 30% lower in the suburbs. It is possible to buy a car and have it registered in your home state (if you're not from Massachusetts), thereby saving the sales tax (5%) and excise tax (2.5%). This may affect insurance rates, which are discussed later.

Used Cars: Be doubly careful. Used car dealers are generally disreputable and overpriced; national dealers are not much more reputable than local dealers. Instead of buying from a dealer, check *Tech Talk*, the *Phoenix*, and the *Globe* for potential sellers. (Buying from a stranger is risky, but not so much as purchasing from an experienced salesman.) If you *do* buy from a dealer, first consult the Better Business Bureau.

Maintenance Car maintenance can be a problem. Many garages are shady if not outright dishonest. Find a reputable garage and stick with it; ask someone who has been around for awhile. There are several tire companies in the Cambridge area that sell tires at large discounts; watch for ads in the MIT newspapers. **Good News Garage** (46 Landsdowne St., Cambridge, 354-5383) offers auto repair courses and will rent its facilities for do-it-yourself repairs.

There are many car washes in the Boston-Cambridge area. **Allston Car Wash** (434 Cambridge Street., Brighton, 254-3200), **Lechmere Auto Wash Centers** (262 Msgr O'Brien Hwy. Lechmere Sq., Cambridge, 864-3667; 2013 Mass Ave. Porter Sq., Cambridge, 546-1368), and **ScrubaDub** (239 Stuart St., Boston, 482-5457) are the closest. Services vary from do-it-yourself to auto-wash, wax, polish, vacuum and shampoo (carpet), and engine washing. Prices vary with the amount of service you want.

Clothing, new

Boston's better (read: more expensive) clothing stores are for the most part along Boylston and Newbury Streets from Boston Garden to the Prudential Center. These include **Sak's Fifth Avenue** (262-8500) at the Prudential Center, **Lord and Taylor** (262-6000) at 760 Boylston St., **Brooks Brothers** (261-9990) at 46 Newbury St., **Louis** (262-6100) at 234 Berkley St., and several smaller stores. **Copley Place** also has many fancy stores, but it is generally much more fun to look and drool there than to actually buy anything. **Macy's** and **Filene's** at Downtown Crossing also have rather expensive clothing, although not quite as expensive as the stores in Copley. **Filene's Bargain Basement** (542-2011) is a great place to shop, as

everything there is reduced. Some of the merchandise is seconds or irregulars, and you should be sure you know why it's irregular before you buy it. Beware: there is only one dressing room for women, and none for men. Wear clothing which you can try other clothing on under or over. It gets very crowded on Saturdays; the best time to go is during the day during the week. For more creative styles, try the stores on Charles St. at the foot of Beacon Hill and in or near Harvard Square.

Clothing, used

Used clothing is a cheap way to get funky things which you may refuse to pay more money for. Many stores that sell used clothing sell it sometimes (but not always) for less money than their new clothing. **Oona's** (491-2654) at 1210 Mass. Ave. near Harvard or 1110 Boylston Street in Boston has creative-styled used clothing. Cheaper sources of used clothing include **Bargain Basement** (868-6330) on Mass. Ave. in Central Square and Salvation Army stores, one of which is at 382 Mass. Ave. **Dollar-A-Pound** at 200 Broadway in Cambridge sells used clothing by the pound on Saturday mornings only. It's an experience. Upstairs from Dollar-A-Pound is The **Garment District** (876-5230), which is worth visiting when you make it to Dollar-A-Pound.

Comics

You can buy the latest comics from the major publishers (Marvel, DC, Image, etc.) at **Newbury Comics** in the Student Center. There are also Newbury Comics in Harvard Square and on Newbury St. in Boston. They don't, however, deal in used comics. **Million Year Picnic** (462-6762) in Harvard Square prides itself on having the largest collection of independent and underground comics in Boston. They also sell a vast and eclectic collection of graphic novels, Japanese animation, and comic related T-shirts. **New England Comics** (354-5352) is the store for collectors. They have a huge stock of back issues (all the way to the 1940s!) and will gladly search for special requests. They have a VIP program for those who buy lots of comics regularly, and a free newsletter of upcoming comics. **Comicopia** (266-4266) in Kenmore Square, run by an MIT alumnus, has perhaps the best service in the city. They also have good back issues.

Computers

For information on purchasing computers, see the *Facilities* chapter.

Department Stores

Name any type of merchandise, and there's probably a department store somewhere in Boston that sells it. The largest clothing department stores in the area are **Filene's** (357-2100) and **Macy's** (357-3000), although there are others. Most of them, along with several other department stores, are located near Downtown Crossing. The prices tend to be on the high side, but every other month or so one of them will have a sale, where they are quite affordable. The single most indispensable department store in the area is **Lechmere** (491-2000) is located at (surprise) the Lechmere stop on the Green Line in the CambridgeSide Galleria, and is also accessible by the free shuttle bus that goes from Kendall to the mall. This is a wonderful department store with everything from computer supplies to air conditioners to CD's to typewriters to kitchen supplies to luggage to stereo

158 Shopping

equipment, and everything else.... about the only thing they *don't* have is clothing. They will beat any advertised price by a competitor if you show them the ad. **Woolworths** (876-7214) has a store on Mass. Ave. in Central Square and a much larger one at Downtown Crossing, at 350 Washington St. **Sherman's** (482-9610) at 11 Bromfield St., also at Downtown Crossing, is a courteous and friendly "fine discount store" selling jewelry, calculators, appliances, and luggage. The largest **Sears** (221-4900) in the area is located in the Burlington Mall; see *Shopping Malls and Districts*, below, for directions there. There is a smaller one in the CambridgeSide Galleria.

Drug Stores

There are several drug stores in the area. Most convenient to East Campus is **Kendall Drugs** (492-7790), in Kendall Square. They charge list price, but give discounts to MIT personnel on prescriptions and sometimes run coupons in The Tech. More rationally priced drugstores include **CVS** (354-4130) and **Rite-Aid** (491-9626) on Mass. Ave. in Central Square. **Walgreens** (338-6119), next to Stop and Shop on Memorial Drive, has good prescription prices. **Phillips Drug** (523-1028), located just across the Longfellow Bridge in Boston (Charles stop on the Red Line) is open 24 hours.

Duplicating Services

There are copying machines everywhere, particularly on campus. Most offices have one, and there are several in the library. There is also Graphic Arts (bldg 11 and bldg E52 among other locations). If you have a very large job, talk to LSC, The Tech, APO, or Graphic Arts for advice. See the *Facilities* chapter for more details.

Off campus offers several options too. **Gnomen Copy** (492-2222) is at 245 Mass. Ave. and also has several other stores, particularly in Harvard Square. **Kinkos** (497-0125) is at 907 Main St. (almost where it hits Mass. Ave.) and they, too, have other offices. **Typotech** (492-6300) at 1120 Mass. Ave. has many services, including doing blueprints. There are other places to copy things, but there's generally no need to go to them.

Electronics

The most interesting place to buy electronic equipment is **Eli Heffron and Sons** (547-4005) at 139 Hampshire St., Cambridge. This place has a constantly changing inventory of surplus devices, parts, components, and junk, especially junk. Remember to bargain, particularly for more expensive pieces. Downstairs is a place which sells new chips.

There is also a **RadioShack** (547-7332) on Mass. Ave. in Central Square and one in Boston. They are decent but not particularly impressive; they'll do for speaker wire and things of that sort. The **Electronics Research Society** (253-2060) in building 20B-119 has a large selection of parts for members at reasonable prices. Call them for details on membership.

Eye Care

Routine eye examinations and services for eyeglasses and contact lenses are available in several nearby establishments. The Eye Service of the MIT Medical

Department offers comprehensive eye care including contact lenses. Appointments can be made for routine eye examinations, contact lens fittings, or evaluations with one of the staff optometrists. These visits are fee-for-service. Contact lenses can also be ordered from the Eye Service. If you are experiencing an eye problem which requires urgent care, you should call or visit the Eye Service at E23-268, x3-4351. Visits that are not considered "routine" are often covered by the MIT Student Health Fee. The Medical Department also offers eyeglass services at MIT Optical in the basement of the Stratton Student Center, and they can be reached at 258-LENS.

There are many eye doctors in both Central and Harvard Square. Richard Glueth (optometrist) is at 14 JFK St. in Harvard Square. Others include **Cambridge Eye Doctors** on Mass. Ave. just south of Harvard Square, and **Vision House** also on JFK St. in Harvard.

Fabrics

Good fabric stores do exist in the Boston area; they're just hard to find. Many of them hide out in Chinatown. **Winmil Fabrics** (628-8899) at 111 Chauncy St. in Chinatown has mostly remnants and basics. They're cheap, if they have what you want. **North End Fabrics** (542-7763), also in Chinatown, has silks, cheap cottons, and upholstery velvet. There is a store on the corner between these two stores which has junk up front and brocades and interesting stuff toward the back of the shop. The staff here tends to be unhelpful. **Clement Textile** (542-9511) at 54 Kneeland St. has some good stuff but mostly junk. You should unfold and check anything you intend to purchase here before you pay for it to be sure it is in decent condition. **Windsor Button** (482-4969) at 36 Chauncy St. has buttons, buckles, trims, embroidery stuff, notions, fake flowers, beads, etc. **Schlesingers Associates** (426-4300) at 105 Chauncy St. is best for woolens, but can be relatively expensive. Two out of town stores also ought to be mentioned: **Fabric Place** (508-620-1030) in Framingham and Woburn is good for decorating fabrics, including drapery and upholstery materials, and basics. It has retail prices and a helpful staff. **Fabric Town** (1-800-698-3939) at 577 Main St. in Reading is aimed at the interior decorator. There is also a small, expensive fabric store at 99 Mt. Auburn St. (a very small mall) in Harvard Square, and it is worth noting that **Woolworths** has a fabric/crafts section.

Florists

There are two florists down Mass. Ave. from MIT: **University Florist** (492-5700) on the corner of Main St. and one on Mass. Ave. in Central Square. Both are decent and friendly. **Kendall Flower Shop** (661-8180) in (get this) Kendall Square is an award-winning FTD florist which delivers in the greater Boston area. There is often a person standing right by the T in Kendall Square selling flowers. There are a couple of florists in Harvard Square too: The **Brattle Square Florist** (876-9839) at 31 Brattle St. is very good and is reputed to never have an imperfect flower. **Kupersmith Florist** (868-1188), at 8 Brattle St. in Harvard Square, is another FTD florist. Other local florists include the **Faneuil Hall Flower Market** (742-3966) in Quincy Market. **Winston Flowers** (457-9000) has a very good selection of rare

and imported flowers and plants, although they can be rather expensive. **Stop and Shop** on Memorial Drive also has some flowers, as do other groceries.

Food, Bakeries

Central Bakery (547-2237) at 732 Cambridge St. has good bread and fair desserts. **Rosie's** (491-9488), 243 Hampshire St., is open until 11 or midnight every day and has amazingly good desserts. Inman Square boasts the **S&S Deli** (354-0777), which in addition to being a very good deli also sells baked products. One of the bakeries in Harvard Square is the **Blacksmith House** (876-2725) on Brattle Street; there are others. There are other bakeries on Cambridge Street in Cambridge and several good Italian pastry shops in the North End in Boston. Bagels are available in several shops in Brookline, most notably **Kupel's** (232-3444) at 421 Harvard Ave. in Brookline, which is open until midnight on Saturday and Sunday nights. Some groceries also have bakeries, with varying degrees of quality. **Cezanne** (547-9616), a new bakery and cafe just south of Central square, is said to be good.

Food, Co-ops

There are two main co-ops in the area. The **Cambridge Food Co-op** (661-1580) on Mass. Ave. in Central Square recently moved to larger quarters. In exchange for buying \$150 worth of stock (which can be paid for by the month, if you'd like) you get a 2% discount, and if you work in addition to this you get an 8% discount and monthly 15%-off coupons. The other is the **Boston Food Co-op** (787-1416) at 449 Cambridge St. in Allston (call them for directions). Here membership can come in two forms: a \$5 membership fee and an orientation, which entitles one to a 2% discount for a year, or a working membership, which entitles one to a 10-25% discount depending on the amount of work. Call them for details.

There are also smaller co-ops which operate on the block level or out of a church or community center. The theory behind these is that when more people buy food together, they can buy bulk and it will be cheaper. Ask your neighbors if you live off campus and are interested in this possibility, and find out if one exists in your neighborhood.

Food, Grocery Stores

Which grocery store is most convenient for you will depend, of course, on where you live. There are several decent ones in the area. **Stop and Shop** (547-9766) on Memorial Drive is fairly good. Unfortunately, they are not located near any public transportation. A car is the best way to get there, although walking there can be reasonable if you live in West Campus. There is a **Star Market** (492-5566) located right at the Porter Square T stop on the Red Line; it is also good. Both of these stores have other branches in the Boston/Cambridge area. **Purity Supreme** (868-5166) on Mass. Ave. in Central Square is smaller and has a limited selection, but it's more convenient for some locations.

There is also a grocery store, **LaVerde's** (621-0733), in the Student Center. It is a privately owned market supplied by Star. It is a bit more expensive than the larger markets, but hey, it's in the Student Center. LaVerde's has a limited selection but also has a sub counter, and many people often get their lunch or dinner right there.

There are also small grocery stores operated by the residents of Eastgate and Westgate apartments; they are open to the public seven days a week. Prices here tend to be higher than in the larger groceries, and the selection is limited, although it is improving.

Food, Haymarket

Haymarket is an open market, something you don't see too often around here. You should go there at least once in a while at this holy institute, for the experience if nothing else. There is a Haymarket stop on the Green Line, or you can easily walk there from Government Center (also on the Green Line). If you continue down the street to the left of Faneuil Hall when coming from Government Center, you'll run right into it.

Haymarket is open Friday and Saturday more-or-less all day. Official hours are 6 AM to 6 PM and tend to be longer, especially in the summer. The hours vary with the booth. Some booths will stay open very late Saturday to try to sell the last of their produce; it gets cheaper in the evening, but remember: it's the last pickings, and it's been sitting out all day. Even earlier, prices are usually much better than those in the groceries, and the produce can be better, but beware. The produce you look at is not necessarily what will be put in your bag. Make them let you pick your own fruit or vegetables, or check what they put in the bag and refuse to pay for bruised or overripe produce. This happens less often if you go to the same people often enough that they recognize you.

There are wholesale-retail meat stores in nearby buildings, Quincy Market, and around Faneuil Hall. But this is often not high-class stuff. Again, once you know the butcher you can get good bargains, but until then be careful. During the summer you should make sure the merchants you frequent have good refrigeration.

There are also grocery, cheese, canned goods, leathercraft, and other types of stores in the area. Be careful and watch your wallet, backpack, or purse. Pickpockets aren't stupid. Also, bring your money to Haymarket in the form of \$1 bills or change, *not* tens or twenties.

Food, Health Food

Bread and Circus (492-0070) at 115 Prospect St. in Central Square is the ultimate yuppie health food shop. They have both organic and non-organic produce. The organic is expensive, but this is true anywhere you find it. The non-organic is competitively priced and is as good or often better than that at "normal" groceries. They also have a decent selection of ethnic and "healthy" foods other than produce, but much of this has recently been fairly easy to find in the normal groceries for much lower prices. **Lee Nutrition** (661-9600) on Main St. in Kendall Square has some health food and some not-so-healthy food. They tend to be inconsistently priced: some prices are quite reasonable, while others are high. The **Cambridge Food Co-op** (see *Food, Co-ops*, above) also has healthy/organically grown food, and many of the local grocery stores have "health food" sections.

Furniture

Check bulletin boards around campus and ads in *Tech Talk* for people selling their

162 Shopping

own furniture. The best time to do this is generally in the spring, as students graduate and move out. There is also the **MIT Furniture Exchange** (3-4293) for MIT students. They both buy and sell used furniture. The hours are from 10-2 Tuesday and Thursday. They are located in WW15, at 350 Brookline, beyond Next House.

Bargain Basement (see Used Clothing, above) and **Salvation Army** (354-9159) at 382 Mass. Ave. sell cheap used furniture, but you should be sure to check the quality. **Sadye & Co.** (547-4424) at 182 Mass. Ave. has some antique furniture which they usually display outside, but they tend to be quite expensive (though not unreasonable for antiques).

For new furniture, head on out to the VFW Highway out in Dedham, where there are stores ranging from **Sears** and **Levitz** to discount outlets. Making furniture is also an option; see *Hardware and Building Supplies*, below, for more details.

Haircuts

There are a couple of places on campus to get your hair cut: The **Tech Barber** and **Technicuts**, both in the Student Center. After this you must (gasp) venture off campus. **Elias Hair Care** (497-1590) is just up Mass. Ave. and cost \$21, or \$19 with a student ID. They occasionally have discount coupons in *The Tech*. **Diego at the Loft** (262-5003) at 157 JFK St. in Harvard Square offers \$15 hair cuts on Tuesday nights, when their students cut. At other times the cuts cost \$28--35. They also have a store on Newbury St. in Boston, which is more expensive. **Great Cuts** (576-3920) in Harvard Square (and other places) cuts your hair for \$9 without an appointment. **John's Barber Shop** (492-2962) on Prospect St. in Central Square is an old-fashioned barber shop (no women). **Nu Image** (354-9898) specializes in hairstyling for blacks. **Supercuts** (236-0130) at 829 Boylston Ave. will cut your hair for about \$8. They do not however, color hair. They also have a shop in Harvard Square.

Hardware and Building Supplies

Economy Hardware (864-3300) a few blocks up Mass. Ave. in Central Square is a good hardware store with great prices, particularly on paint. **Pill Inc.** (876-8310) on Mass. Ave. at the far end of Central Square is a decent store with knowledgeable and generally friendly help, although they are sometimes expensive. **Dickson Bros.** (876-6760) on Brattle St. in Harvard Square has a good selection, but they are in Harvard Square and their prices will on the whole reflect this (some things are cheap, though). **Inman Square Hardware** (491-3405) is on Cambridge St. in Inman square. **Central Square Hardware and Tool Rental** at 453 Mass. Ave. in Cambridge is a very crowded store with a good selection of standard hardware, unfinished furniture, housewares, mirrors, and scrap lumber. They also, true to their name, rent tools. **Somerville Lumber** (623-2800) delivers.

Jewelry

Jewelry Services of Boston (367-1550) at 333 Washington St. is a single building with several jewelers in it, if you are looking for "real" jewelry. Bargain with them; they'll take you for all you're worth and then some if they can. Also, all the expected stores (fancy department stores, etc.) have jewelry; you will pay accordingly. For

more funky fare, wander down Mass. Ave. toward Harvard Square or visit Newbury St. in Boston and stop in anyplace interesting-looking. Most of the places which sell funky clothing also sell creative jewelry.

Kitchen Supplies

Basic kitchen supplies such as pots and pans, baking dishes, measuring cups, dishes, and silverware can be found in **Woolworths** or in any of the several grocery stores in the area. For more sophisticated equipment like a coffee machine, a water filter (a good thing to have, given Cambridge water), or a pasta maker, you might want to go to **Lechmere**, **The Coop**, or one of the other department stores. **Dickson Bros.** in Harvard Square also has some kitchen supplies. **Crate and Barrel** (876-6300) on Brattle St. in Harvard Square has some creative dishes, glasses, and pottery. They are often expensive, but there is a bargain room on the lowest level which usually has very good buys.

Liquor

There are many liquor stores in the Boston area carrying the popular brands of beer and liquor along with some assortment of wine. Prices vary, but the larger stores generally have lower prices. Some grocery stores and most of the larger supermarkets also sell alcohol, including **Purity Supreme** in Central Square and **Stop and Shop** on Memorial Drive.

In order to buy alcohol in Massachusetts, as virtually everywhere else, you must prove you're 21. This law is enforced to varying degrees by the different liquor stores, but things get noticeably tighter around election time.

The following stores either have convenient locations or above average selections and services.

Brookline Liquor Mart (734-7700) at 1354 Comm. Ave., Brookline offers a good selection of wines with low prices and helpful salespeople. Credit cards are accepted.

Harvard Provision Company (547-6684) 94 Mount Auburn St. in Harvard Sq., has a pretty good selection of all sorts of drinks. Free parking, free delivery, credit cards accepted. There is an ice machine outside operating 24 hours a day.

Libby's Liquor Market (354-3678) 575 Mass. Ave., Central Sq. Convenient location, reasonable selection. Good prices, sometimes undercuts Warehouse.

Marty's Liquors (782-3250) at 170 Canal St., Boston, has lots of unadvertised discounts.

Martignetti's (782-3700) at 1650 Soldier's Field Road Extension, Brighton, is supposedly the world's largest liquor store. A huge selection of anything ever fermented or distilled. Low prices, free parking.

Savemor's Liquor Mart (547-7300) at 100 Kirkland St., Cambridge, has a good selection and knowledgeable assistance. Credit cards are *not* accepted, and they *don't* deliver. It is part of the Savemor's Supermarket complex.

Music, CD's and Records

Boston has lots of music stores. The best place to go is Harvard Square. It has six stores within blocks of each other, and the intense competition keeps prices low and selection high. Most of these stores are open until midnight, or later. The **Coop** has a respectable collection of music, particularly at the Harvard Square store. They often have 20%-off sales, which help to reduce their often high usual prices. Be sure to give them your Coop number, as you will also get a rebate. **Newbury Comics** (491-0337) in the Garage on JFK St. in Harvard Square has a lot of good music, particularly new and "college" music. The top N albums are always on sale, along with others, and for those items not on sale, there is a coupon in almost every edition of *The Square Deal* (a coupon "newsletter" handed out in Harvard Square). They also have stores in the Student Center and on Newbury St., but the one in Harvard Square is the best. They have frequent sales and often run coupons. Neither the Coop nor Newbury's has a large selection of records; they are much more CD stores. **Tower Records** (247-5900) on the corner of Mass. Ave. and Newbury St. has a great selection of most kinds of music, including classical and international music. They, too, stock more CD's than records, but they also stock music available only on record. Call them if you are looking for something esoteric. **Strawberries** (354-6232) has a store in Harvard Square and one near Downtown Crossing; it is not among the best places to shop for music. A new place is **Taang!** (876-8937) at 12B Street in Harvard Square.

You can get discounts at many places with cards from radio stations. The WCRB "Classical Advantage" card, which is free, gets 20% off at the Coop and between 15% and 20% at Tower. Tower gives the same discount to members of WGBH, Boston's public television/radio.

Used music is easy to come by in this college town. BCD carries used CD's, as does **Mystery Train** (497-4024) on Mass. Ave. on the way to Harvard Square. Mystery Train also has used records. **Second Coming** (576-6400) has a few used CD's and an amazing selection of used and bootleg records. They also have lots of posters and postcards. They seem to have erratic hours, though. There are several good used record stores, none of whose names are really memorable, in Kenmore Square (by BU, on the Green Line), one just off Mass. Ave. on Boylston St. in Boston, and one on Mt. Auburn St. in Harvard Square which keeps changing hands and names. Most used record stores are also willing to buy your used records or CD's.

Music, Making Your Own

The closest music store to MIT is **E.U. Wurlitzer** (738-7000) on Newbury St. in Boston. It is usually crowded, but prices on most instruments, especially recorders and guitars, are lower than list prices, and the merchandise is generally very good. **Boston Music** (426-5100), on Boylston St. across from Boston Common, has a large selection of most instruments at higher prices. A smaller selection of fine woodwinds and some guitars are sold at **Rayburns** (266-4727) (263 Huntington Ave., Boston). For sheet music and scores, **Carl Fischer** (426-0740) is the largest dealer in Boston. See *Tech Talk* and the Yellow Pages for specialized dealers.

Photography

SBI Sales (576-0969) at 50A JFK St. and **Ferranti-Dege** (499-2750) on Mass. Ave., both in Harvard Square, are decent places for both film and equipment. **Colortek** (868-6606) in Kendall Square and on Newbury St. in Boston does excellent in-house processing at reasonable rates. Film can also be bought at grocery and drug stores, and there are a couple of small film-developing stores on Mass. Ave. in Central Square.

Plants

The cheapest way to get plants is to make cuttings from your friends' plants, root them in water, plant them, and watch them grow. However, not all plants reproduce this way. Many of the several florists in the area (see *Florists* above) also sell plants. There is a **Grower's Market** (661-6194) on Memorial Drive, but their plants are often infected. Both **Stop and Shop** and **Purity Supreme** have some plants. **Woolworths** in Central Square has a decent selection of plants and also has pots, dirt, and hangers. Most plants purchased there need repotting immediately, however. The downtown **Woolworths** (at Downtown Crossing) has a better selection of plants. **Dickson Brothers** (see *Hardware* above) has very cheap clay flowerpots.

Shoes

Teddy Shoes (547-0443) on Mass. Ave. in Central Square is decent and pretty cheap, although they are small. Small is nice, though; sometimes bargaining is possible. There is also a **Fayva** (661-6529) in Central Square, and some clothing stores there also carry shoes. There are some shoe stores at Downtown Crossing, and both **Filene's** (including the basement) and **Macy's** carry shoes. The **Coop**, both at Harvard and at MIT, carries shoes, but they are quite expensive. The Harvard store has a larger selection. **Zodiac USA** (262-0023), at 176 Newbury St. in Boston has quite a funky selection, as does The **Wild Pair** (577-0011) in the Cambridge-side Galleria. **Parade of Shoes** in Downtown Crossing is a decent discount store. Another shoe store is **Taha** (267-8432) at 727 Boylston St., Boston.

There are a couple of choices in terms of shoe repair. Kendall Square has **LaRossa's Instant Shoe Repair** (734-6363). On Prospect St. in Cambridge there is **Jimmy's Shoe Repair** (868-8838), which has been there longer and is not a chain.

Shopping Districts

The intersection of Winter and Washington Streets (at Downtown Crossing on the T) is at the center of Boston's shopping district. This is where **Filene's** and **Macy's** are located, as well as The **Corner Mall** and **Lafayette Place**, fancy shopping centers with expensive fare, and the world's largest **Woolworth**. There are also a large number of other stores in these few blocks, not all of which are expensive, and several carts selling scarves, clothing, jewelry, and other wares. The area is closed to cars.

Classy, exotic, and trendy stores tend to cluster in Harvard Square, Boston's Back Bay (especially around Newbury St. and Commonwealth Ave.) and at Copley Place and Quincy Market. These are fun places to look around and occasionally buy

things. Lower priced, more pedestrian merchandise can be found in Central Square and in other not so touristy areas.

Chinatown is found on Essex and Beach Streets, on the orange line (Chinatown stop, of all things). The Italian **North End**, located across the expressway from Haymarket on the Green Line, boasts a large number of great Italian restaurants and pastry shops of all sorts. Portuguese and Italian specialties and the best bargains in town can be found in East Cambridge between Lechmere and Harvard Square.

Shopping Malls

Boston has its share of shopping malls, and a few are located close to campus. The **Cambridgeside Galleria**, a fairly large mall, is located across from the Museum of Science. You can walk there or take their free van ("The Wave") from Kendall Square. The van leaves Kendall every 15 minutes. It has stores of all variety and price levels, including a **Lechmere**, a **Sears**, and a **Filene's**, and a rather large food court. At **Copley Place**, an upscale mall in the Back Bay, it is often more fun to window shop than to buy. The most inexpensive malls in the area are the Arsenal and Watertown Malls, located across from each other in Watertown. Take the #70 bus from Central Square to get there.

If you can't for some reason find what you are looking for nearby, there are a number of large malls residing in suburbia. These include the **Burlington Mall** (272-8667), the **Chestnut Hill Mall** (965-3037) at 199 Boylston St. in Newton, and the **Natick Mall** (508-655-4800). To get to the Burlington Mall, take the Red Line to Alewife and then take the #350 bus. To get to the Dedham Mall, take the #35 bus from the Forest Hills stop (Orange or Green Line). There are also several shopping centers located along Routes 9 and 128 and both North and South Shore shopping centers.

Sporting Goods

Herman's World of Sporting Goods (426-3851) at 68-72 Sumner St. in Boston (they also have a store in Burlington Mall) has a good selection of generic sporting equipment. **Brine's** (876-4218) in Harvard Square sells all sorts of equipment at somewhat high prices. The other two good stores in the area are **MVP Sports** (625-5650) at the Twin City Plaza on O'Brien Highway in Somerville, which sells decent, reasonably priced sports equipment and clothing, and **City Sports** (236-2222) at 168 Mass. Ave. in Boston, which can be expensive.

Stationery and School Supplies

Perhaps your first instinct is to buy notebooks and things at **The Coop**. If you insist that all your stuff identify you as an MIT student, this is probably a good idea. Otherwise you might want to go to **University Stationery** (547-6650) on Mass. Ave. across from Random Hall. They are friendly and either have or can find almost anything. They also offer a 10% discount to students which you may not even have to ask for. **Bob Slate Stationery** has lots of cheap stationery and office supplies. Drugstores usually have some school/office supplies. There are also a couple of office supply stores on Mass. Ave. between MIT and Harvard. See also *Art and Drafting*, above.

Stereo Equipment

Experience has shown that salespeople at some stereo stores are more than willing to lie to make a sale. Remember that there are MIT students who are *real* experts. Ask around your living group before you buy anything. Never buy without comparison shopping, and never tell salespeople that you are just shopping around. They'll refuse to give their lowest prices in order to protect their competitor's "lowest price around" guarantee. Whenever you are told "rock-bottom dealers' cost", you're probably still looking at 100% markup. Local dealers should give a full "buyer protection" warranty. Watch for discontinued lines, which are usually good buys. Remember that you have to listen to the equipment in your room, not their sound room.

One way to buy stereos is to check bulletin boards and ads in *Tech Talk* for students selling theirs. Sometimes equipment gets sold because it is dying, but also sometimes it gets sold because the owner has bought a better system or is moving and doesn't want to or can't take the stereo with him or her.

For new stereo equipment, Cambridge/Boston is not a great place to shop. The **Coop** has some equipment, but they don't have a huge selection. It might be a good idea to look there to get an idea of prices and what features you want. They tend to be expensive, though. **Lechmere** carries some equipment also and is recommended by some people as the best place to shop. **Goodwin's Music Systems** (734-8800) at 870 Commonwealth Ave. in Brookline will allow you to listen to anything in their store. **Q Audio** (547-2727) at 95 Vassar St. buys and sells used equipment and has a good reputation. New places are Audio Lab (864-1144) at 36 JFK St. near Harvard, and **Impulse** in the Cambridgeside Galleria.

Toys

There are standard toys to be found in places like **Woolworth's**. The **Funny Farm** (661-3999) at 14D Eliot Street in Harvard Square specializes in various moving toys, and may donate toys for use as prizes.

Videos

For video rentals, see under **Entertainment**.

For video purchasing, there's a **Sunday Matinee** in the Cambridgeside Galleria. Video rental stores usually sell videos in addition, those which were previously viewed being at great bargains.

Restaurants

Restaurants

Admit it: Commons is not always edible. Sometimes you just need a break from ARA or your own (or your friends') cooking. For just these moments, we have compiled a list of some of the restaurants in the area. Because of the size of this list, it is impossible to update it every year. Hence, the reviews are not all from this year. Most of them are dated; those that aren't are from before 1984. Information on hours and credit cards was for the most part taken from employees of the restaurants and is (of course) subject to change. If you have any corrections to the reviews or to any other information, please send them to us. We will be eternally grateful.

Restaurants which are located at either Kendall or Central Square are listed as "walking distance." For others, the nearest T stop is given. Unavailable information was indicated by leaving a blank line. Credit cards are: AE = American Express; MC = Master Card; V = Visa; D or Discover = Discover Card; DC = Diner's Club; CB = Carte Blanche. A # after a restaurant indicates other Boston locations.

For more information on restaurants, look for reviews in books, magazines, and newspapers; for coupons look in newspapers, coupon books handed out occasionally on campus, and The Square Deal (a coupon "newsletter" handed out in Harvard Square). Standard tip is 15%, and there is a Mass. meal tax of 5% which is added to take-out food as well as served meals.

For your convenience, we've included a list of restaurants by the type of food they serve, and also those within walking distance. Complete descriptions of the restaurants follows after that.

AMERICAN

Allston Depot City Grill
Bartley's Burger Cottage
Bennigan's
Brasserie
Brookline Lunch
Buzzy's Fabulous Roast Beef
Chart House Restaurant
Cheesecake Factory
Cityside Restaurant
Crossroads
Division Sixteen
Durgin Park
Fresco's
Friday's
Friendly's
Green Street Grill
Greenhouse Coffee Shop

IRISH

The Black Rose

ITALIAN

Al Dente
Bertucci's
Café Amalfi
Ciaobella
D'Amore's
Davio's
Emilio's
European Restaurant
Felicia's
Grendel's Den
Il Panino
Joe Tecce's
La Groceria
Mother Anna's

Ground Round
 Harvard Bookstore Café
 Hilltop Steak House
 Houlihan's
 JC Hillary's
 Joe's American Bar and Grill
 Kentucky Fried Chicken
 Michael's Waterfront
 Newbury's Steakhouse
 Nick's Beef & Bar
 Papa Razzi
 Peppercorn's
 Rebecca's
 Seasons Restaurant
 Serendipity 3
 Souper Salad
 The Spinnaker
 Toffs
 Top of the Hub
 Victoria Station

CAJUN/SOUTHERN

Cajun Yankee
 East Coast Grill
 Saffi's New Orleans North

CHINESE

Buddha's Delight
 Chef Chang's House
 Chef Chow's House
 Hong Kong Restaurant
 Joyce Chen Restaurant
 King Fung Garden
 Larry's Chinese Restaurant
 Lucky Garden
 Mandarin Restaurant
 Moon Villa of Chinatown
 New Asia Restaurant
 Royal East
 Ta Chien

COFFEESHOP/BAKERY

Au Bon Pain
 Cafe Florian
 Dough-C-Dough Doughnuts
 Dunkin' Donuts

Villa Francesca

JAPANESE

Benisushi and Kyoto Steak House
 Bisuteki Steak House
 Gyuhama of Japan
 Kabuki Restaurant
 Matsu-Ya Restaurant
 Miyako Restaurant
 Roka
 Tatsukichi Boston

KOREAN

Korea Garden
 Matsu-Ya Restaurant
 New Korea Restaurant

MEXICAN/SPANISH

Boca Grande
 Border Cafe
 Casa Mexico
 Casa Romero
 Dali Restaurant
 El Pheonix Room
 Iruña
 Sol Azteca

MIDDLE EASTERN

Angora Cafe
 Brookline Lunch
 Grendel's Den
 Middle East Restaurant

PIZZA

Bel Canto
 Bertucci's
 Cafe Avventura
 Campus House of Pizza
 Dino's Restaurant
 Friendly Eating Place
 Hi-Fi Pizza
 Imperial Restaurant
 Papa Gino's
 Pizza Pad
 Pizzeria Regina
 Pizzeria Uno

170 Restaurants

International House of Pancakes
Magic Pan
Rosie's Bakery
Rudi's French Bakery

DELI/SANDWICHES

Au Bon Pain
Deli-Haus Restaurant
Elsie's
Milk Street Café
Modern Times Café
Newtowne Variety
Rubin's Deli
S&S Deli
Stuff-its

FANCY

Another Season
Boodle's of Boston
Cafe Promenade
Davo's Restaurant
Locke-Ober Cafe
Parker's Restaurant
Ritz-Carlton Dining Room
The Spinnaker
Top of the Hub
Upstairs at the Pudding

FRENCH

Chez Jean
Du Barry
Grendel's Den
Harvest Restaurant
L'Espalier

GERMAN

Jacob Wirth

GREEK

Acropolis
Athens Olympia Cafe
Averof Restaurant

HUNGARIAN

Cafe Budapest

Ruggles Restaurant
Stefani House of Pizza

POLYNESIAN

Aku Aku

SEAFOOD

Anthony's Pier 4
Chart House Restaurant
Dini's Sea Grill
Dolphin Seafood
Dover Sea Grille
Durgin Park
Jimmy's Harborside Restaurant
Jonah's Seafood Cafe
Legal Sea Foods
No-Name Restaurant
Sail Loft
Salty Dog
Union Oyster House
The Winery

THAI

Bangkok Cuisine
The King and I
Siam Garden
Soom Thai
Star of Siam Restaurant

WITHIN WALKING DISTANCE

Asmara
Au Bon Pain
Bertucci's
Bisuteki Japanese Steak House
Boca Grande
Brookline Lunch
Burger King
Campus House of Pizza
Dunkin' Donuts
Fresco's
Green Street Grill
Hi-Fi Pizza
Il Panino
Indian Globe
Indian Pavilion
Jonah's Seafood Cafe

ICE CREAM

- Bailey's
- Cabot's Ice Cream
- Emack's & Bolio's
- Friendly's
- Haagen Dazs
- Herrell's Ice Cream
- Steve's
- Toscanini's Ice Cream

INDIAN

- Bombay Club
- Indian Globe
- Indian Pavilion
- India Restaurant
- Kebab-n-Kurry
- Oh Calcutta
- Passage to India
- Tandor House

- Korea Garden
- La Groceria
- Mandarin Restaurant
- McDonald's
- Middle East Restaurant
- New Korea Restaurant
- Newtowne Variety
- Oh Calcutta
- Papa Gino's
- Papa Razzi
- Peppercorn's
- Rebecca's Cafe
- Rosie's Bakery
- Royal East
- S&S Deli
- Sail Loft
- The Spinnaker
- Stefani House of Pizza
- Toffs
- Toscanini's Ice Cream

Restaurant Descriptions

Acropolis

1680 Mass. Ave., Cambridge
492-0900
Red Line to Porter Square

Greek The food is bad. Do not try the caviar salad. (1989) Sun-Thurs 11:45AM-10PM, Fri-Sat 11:45AM-11PM AE, V, MC, DC, CB

Aku-Aku

194 Alewife Brook Pkwy.,
Cambridge
491-5377
Red line to Alewife

Polynesian The appetizers and atmosphere make it worth a try. Go in groups of four or more to best enjoy this restaurant. \$7-20 for dinner. (1990) AE, V, MC, DC, CB

Al Dente

109 Salem Street, Boston
52-0990
Green/Orange line to Haymarket

Italian Good, generous and reasonably priced (\$8-12). entrees. Pasta is great - the fusilli alla arrabiata is a must. One block away from the ever popular La Famiglia, and possibly better. Service is good, but get there early.

Allston Depot City Grill

353 Cambridge St., Allston
783-2300
Union Sq. Bus

Grill Nothing special but an okay "American" restaurant. Good steaks; try the Macho Nachos. Also good folk music. (1988) Mon-Thurs 11:30AM-10PM, Fri-Sat 11:30AM-11PM, Sun 12n-10AM AE, V, MC, DC

Angora Café

Middle Eastern A small, inexpensive café popular for

172 Restaurants

472 Commonwealth Ave.,
Boston
473-0404

Another Season

97 Mt. Vernon St., Boston
367-0880
Red Line to Charles

Anthony's Pier 4

140 Northern Ave., Boston
423-6363
Red Line to South Station to City
Point bus

Asmara

714 Mass. Ave., Central Square
864-7447
Walking distance

Athens Olympia Cafe

51 Stuart St., Boston
426-6236
Green Line to Boylston

Au Bon Pain

254 Main St., Kendall Sq. #
491-9751
Walking distance

Bailey's

1314 Beacon St., Brookline #
738-8473
Green Line to Coolidge Corner.

Bangkok Cuisine

177A Mass. Ave., Boston
262-5377
Green Line to Symphony

Bartley's Burger Cottage

1246 Mass. Ave., Cambridge
354-6559

its pita roll-ups and its many flavors of frozen yogurt. Be sure to mix two flavors. Pizza and calzones are available with over thirty toppings.

Fancy Lunch costs about \$8/entree. Dinner entrees run from \$10-20. The menu changes weekly. At any one time there's not much variety, but usually some chicken, vegetarian, beef and seafood, depending on what's in season. The desserts are excellent. Tues-Fri 12n-2PM, Mon-Sat 6PM-10PM AE, V, MC

Seafood "Best experienced on someone else's budget." Very good, expensive seafood. The wait isn't too long and can be enjoyed in the lounge. It is a huge place with lots of parking. Great atmosphere and view. Dress code. (1990) Mon-Sat 11:30AM-11PM, Sun 12:30PM-10:30PM AE, V, MC, CB, DC

East African Very good East African food, which is very different from American food: you eat it with the "bread" on which it is served. Reasonably priced. Nicer than it looks from the outside. (1990) 12n-11PM

Greek \$6-10 for food you can get for half the price elsewhere. Located in the Combat Zone, service is good and speedy if you tell them you want to make a show in the nearby theatre district. Mon-Sat 11AM-11PM, Sun 11:30AM-9PM 2/3, MC, V, AE, CB, DC

Soups/Sandwiches Many locations throughout the area, including MIT Coop Food Court and Harvard Square; Yuppie sandwich place, and overpriced. Good people-watching from in front of the Harvard Square restaurant. (1990)

Ice Cream Reasonable ice cream, but the reviewer sees no reason ever to go there. MC, V

Thai Good authentic Thai food. Cheaper than other Thai restaurants. It is a small restaurant and there is often a line. Part of the menu lets you pick meat and vegetable or curry combinations. Spicy dishes are quite good and not overly hot. Try the Pad Thai. (1990) Mon-Fri 11:30AM-3PM, Daily 5PM-10:30PM AE, MC, V, CB, DC

Grill Inexpensive, good food; silly posters add to unusual atmosphere. They serve really thick hamburgers and have many choices (try a specialty

Red Line or #1 bus to Harvard

Bel Canto

42 Charles St., Boston
523-5575
Red Line to Charles

Benisushi and Kyoto Japanese Steak House

201 Stuart St., Boston
542-1168
Green Line to Arlington

Benningan's

191 Stuart, Boston
227-3754
Green Line to Boylston

Bertucci's

799 Main St., Cambridge #
661-8356
Walking distance

Bisuteki Japanese Steak House

777 Memorial Dr., Cambridge
492-7777
Drive or walk

The Black Rose

160 State St., Boston
742-2286

Boca Grande

149 First St. Cambridge
354-5550
Walking distance

burger). Make sure you make clear how well done you want your burger; they tend toward rare. Most of the clients are college students. Best steak and cheese in Boston, which says a lot. (1990) Mon-Fri 8:30AM-9PM, Sat 8:30AM-7:30PM

Pizza Unusual varieties of pizza. You can choose the type of crust, sauce, and toppings (tuna, artichoke hearts, broccoli, sausage or pepperoni). Their whole wheat pizza is wonderful, but the service is erratic. Try something unusual. Dinner for about \$7-10. (1990) Sun-Thurs 11AM-10:30PM, Fri-Sat 11AM-11PM MC, V

Japanese Mon-Fri 11:30AM-2PM, Mon-Thurs 5PM-10PM, Fri-Sat 5PM-11PM, Sun 4:30PM-9PM MC, V, AE, DC, JCB, CB

American Irish atmosphere, extremely packed on weekends. Lots of selections on the menu and everything is good. \$10 to \$15 per person.

Italian, Pizza Good pizza and other Italian dishes. The pizza have fresh toppings and are cooked in wood-burning ovens. A small pizza serves one or two people (depending on how hungry they are) nicely. \$8-12 for lunch or dinner. (1990) Mon-Thurs 11:30AM-11PM, Fri-Sat 11:30-12PM, Sun 2PM-11PM MC, V

Japanese It's best to go in groups of 8 because that's how many fit around the cooking table. The food isn't authentic, but the dinner (about \$15) is entertaining since the chef cooks in front of you. The food is okay, but you're paying for the show and nice atmosphere. (1990) Mon-Fri 4PM-10PM, Sat-Sun 4PM-11PM DC, CB, AE, V, MC

Irish Traditional Irish food and a great Irish pub atmosphere. The service is as excellent as the food. Be sure to try the Guinness Pie. Expect a wait especially around St. Patrick's Day. V, MC

Mexican This new Mexican restaurant has been enjoying the success of its popular take-out menu, especially among the local corporate clientele. All orders are ready-made in the open kitchen, so you can see all the yummy stuff that's going into your burrito or taco. Try the grilled chicken. Entrees: \$2.75-4.50. Mon-Sat 10AM-8:30PM

174 Restaurants

Bombay Club

JFK Street, The Galleria
Cambridge
661-8100
Red Line or #1 bus to Harvard

Boodles of Boston

40 Dalton St., Boston
266-3537
Green Line to Auditorium or #1
bus

Border Cafe

32 Church St., Harvard Square
864-6100
Red Line or #1 bus to Harvard

Brasserie

Copley Place
424-7425
Green Line to Copley

Brookline Lunch

9 Brookline Ave., Cambridge
354-9473
Walking distance

Buddha's Delight

5 Beech Street, Boston
Orange Line to Chinatown

Bull & Finch Pub

84 Beacon St., Boston
227-9605
Green Line to Arlington

Burger King

502 Mass Ave, Central Square #
491-0204
Walking distance

Cabot's Ice Cream

743 Washington St., Newton
964-0909

HowToGAMIT XXVII

Indian Opened by the folks who own Kebob'n'Curry, this restaurant makes for a wonderful pre- or post-movie dining experience. Attentive, but not in-your-face service and a wonderful selection of both vegetarian and meat dishes. All you can eat Lunch buffet is around \$7 and well worth it. Dinners from \$8-13.

Fancy Expensive but not worth it. Small portions of mediocre food. Modeled on an English Club. Dinner \$15-25. (1986) Mon-Fri 7AM-2:15PM: Sat-Sun 7AM-11AM and 11:30AM-2:15PM (brunch), 5PM-11:30PM daily AE, MC, V, CB, DC, HI

Mexican Yuppie but good Mexican place. Price level depends on what you eat. Some of their appetizers can serve as meals. Try the Margarita and the Fajitas. Gets very crowded on the weekends and for dinner during the week. Try lunch. (1990) Mon-Thurs 11AM-1AM, Fri-Sat 11-2AM, Sun 12n-1AM. AE, MC, V

American Good bread. You can draw on the tables. Price ranges from \$10 to \$15 per person; try the buffet. (1989) all major credit cards

American, Middle Eastern Best breakfast in Central Square. Reasonably good diner-type food. The atmosphere is somewhat yuppie, but the prices aren't. \$5 - \$10. (1991)

Chinese Beech Street is more Combat Zone than Chinatown, but don't let that stop you from enjoying a wonderful meal here. All dishes are vegan - buddhist chefs prepare seitan (a protein food made from wheat gluten) with delicate and/or zesty sauces and very fresh vegetables. You then order "chicken", "beef" or "shrimp" dishes. Trust the reviewer - it's great. Try the hot & sour soup. A genuine cheap eats locale.

British Pub This is the "Cheers" bar. Is it worth being a tourist? We suspect not. 11:30AM-1:30AM daily MC, V, AE, CB, DC

Burgers Fast, cheap. What else can you say about Burger King?

Ice Cream Creative concoctions. Sundaes (from \$1-3) are very good. On two days notice they will create any-

Drive

Cafe Amalfi

10 Westland Ave., Boston
536-6396

Green Line to Symphony or #1
bus

Cafe Avventura

36 JFK St., Cambridge
491-5311

Red Line or #1 bus to Harvard

Cafe Budapest

90 Exeter St., Boston
266-1979

Green Line to Copley

Cafe Florian

85 Newbury St., Boston
247-7603

Green Line to Copley

Cafe Promenade

120 Huntington Ave., Boston
424-7000

Green Line to Symphony or #1
bus

Cajun Yankee

1193 Cambridge St., Cambridge
576-1971

Campus House of Pizza

239 Mass. Ave., Cambridge
547-2208

Walking distance

Casa Mexico

75 Winthrop St., Cambridge
491-4552

Red Line or #1 bus to Harvard

Casa Romero

30 Gloucester Street, Boston
536-4341

Green Line to Auditorium or #1

sized anything. Rates with the best. Mon-Thurs 11AM-11PM, Fri 11AM-11:45PM, Sat 9AM-11:45PM, Sun 9AM-11PM

Italian Prices \$10-17. Tues-Sat 4PM-10:30PM, Sun 12n-8PM or 10PM AE, MC, V, CB, DC

Pizza Some of the better ordinary pizza in the area. Cheap, quick service. \$4-5. (1986) Mon-Sat 11:45AM-11PM, Sun 1PM-7PM

Hungarian One of the five best restaurants in Boston, \$10-20. Try the cold cherry soup. Dress up. Mon-Sat 12n-3PM, Mon-Thurs 5PM-10:30PM, Fri-Sat 5PM-12m AE, MC, V, DC, CB

Coffeehouse Nice, simple coffeehouse; light meals are the emphasis. Good desserts, quick service. Beer in cold mugs and hot spiced wine in the winter. Sidewalk cafe in nice weather. (1984) Mon-Fri 7:30AM-12m, Sat 9AM-12m, Sun 12n-12m AE, V, MC, DC, CB

Fancy Hotel restaurant. Superb food, expensive, good wine list. Trout may be the best in Boston. Beef, fish veal, salads: whatever you want, they have. Excellent desserts. One of the best meals for your money in town. 7AM-12m daily AE, MC, V, CB, DC

Cajun Excellent Cajun food, good service. \$20 per person. Classy, even though the decor isn't great. Try the "popcorn" (crawfish) and the blackened redfish. Very hot! Very tasty! (1986) Tues-Sat 6-10PM all major credit cards

Pizza, Subs Good subs, reasonable but greasy pizza. Friendly, family owned sub shop. Cheap. (1990) Tues-Sat 6PM-10PM

Mexican About \$13 for classy Mexican food in this small basement establishment. Expect more exotic and better food than at most local Mexican restaurants. (1986) 10AM-10PM daily V, MC, AE, DC

Mexican Delicious, authentic cuisine, great service. Decor will knock you out - beautiful Mexican tiles and tapestries. Prices are reasonable (\$12-17, 20 for the seafood dishes) and the service is great. One of

176 Restaurants

bus

Chart House Restaurant

60 Longwharf, Boston
227-1576
Blue Line to Aquarium

Cheesecake Factory

Atrium Mall, Rt. 9, Chestnut Hill
964-3001

Chef Chang's House

1006 Beacon St., Brookline
277-4226
Green Line to St. Mary's

Chef Chow's House

230 Harvard St., Brookline
739-2469
Green Line to Coolidge Corner

Chez Jean

One Shepard St., Cambridge
354-8980
Red Line or #1 bus to Harvard

Ciabolla

240-A Newbury St., Boston
536-2626

Cityside Restaurant

Fanueil Hall
742-7900
Green Line to Government Center or Haymarket

Crossroads Restaurant and Lounge

495 Beacon St., Boston
262-7371
Green Line to Auditorium or #1 bus

D'Amore's Italian Restaurant

76 Salem St., Boston
523-8820
Green Line to Haymarket

Dali Restaurant and Tapas Bar

415 Washington Street,
HowToGAMIT XXVII

Boston's best kept dining secrets, perhaps until now.

Seafood, Steak, Salad Semi-classy place on the waterfront. Nice atmosphere, good food. Dinner \$12-15. The wait can be long. Good place for a date or a party. (1990) Mon-Thurs 5PM-11PM, Fri-Sat 5PM-12PM, Sun 3PM-10PM AE, CB, D, V, MC

American It's famous for its huge heapings of food and, of course, its delicious cheesecake. It's pricey, but worth the money if you have a large appetite. V, MC

Chinese Very good Chinese food for about \$10 per person. Try the General Gau's chicken and the Peking duck. (1990) Sun-Thurs 12n-9:30PM, Fri-Sat 12n-10:30PM AE, MC, V

Chinese Excellent, cheap food. Around \$7.50. General Gau's chicken and the Hunan Crispy Beef are especially good. Busy but quiet. (1984) Sun-Thurs 11:30AM-10PM, Fri-Sat 11:30AM-11PM AE, V, MC

French Good French food, mostly steak and fish. Entrees \$10-15. Wear a jacket and tie. Tues-Thurs 5PM-9PM, Fri-Sat 5PM-10PM AE, MC, V

Italian Dinner \$15-24. Valet parking. Homemade pasta. Known for good veal chop. (1990) 11:30AM-11:45PM daily All major credit cards except D

American Good lunch, big sandwiches. \$6-15 for both lunch and dinner. Service and atmosphere both good; yuppie crowd. Good window views. (1990) kitchen closes around 11:30PM daily; bar later DC, AE, MC, V

American The food is in general not exceptional, but fries, onion rings, and buffalo wings are great. Try a JenJen. People mainly go there to drink at the bar. Breakfast is served all day. About \$8 for dinner. (1990) 11AM-1AM daily MC, V, AE, DC

Italian Large variety of hearty Italian food (no pizza). Eggplant parmigiana is especially good. Small, informal restaurant. \$8-18 for a complete meal. 11AM-10:30PM daily V, MC, AE, DC

Spanish Authentic Spanish menu - choose from either full entrees or choose a number of tapas - small appetizers that include marinated herbed olives,

Somerville
661-3254

Davio's Restaurant

269 Newbury St., Boston
262-4810
Green Line to Copley

Deli-Haus Restaurant

476 Commonwealth Ave., Boston
247-9712
Green Line to Kenmore

Dini's Sea Grill

94 Tremont St., Boston
227-0380
Red Line to Park Street

Dino's Restaurant

51-A Mass. Ave., Boston
266-6381
Green Line to Auditorium or #1
bus

Division Sixteen

955 Boylson St., Boston
353-0870
Green Line to Auditorium or #1
bus

Dolphin Seafood

1105 Mass. Ave, Cambridge
354-9332
#1 bus toward Harvard

Dough-C-Dough Doughnuts

Massachusetts Ave., Arlington

Dover Sea Grille

1223 Beacon St., Brookline
566-7000
Green Line to Coolidge Corner

artichoke hearts in saffron batter and a number of beef and shellfish dishes. Seasonal offerings are not to be missed, including the Catalanese fare. Tapas run from \$4-7 a piece, entrees about \$15 and be sure to save room for dessert. Good Sangria, too.

Italian Tie and jacket. One of the better Back Bay eating places. Very expensive, maybe not quite worth it. They're also in the Royal Sonesta. Mon-Sat 11:30AM-2:30PM, Sun-Thurs 5PM-10PM, Fri-Sat 5PM-11PM MC, V, AE

Deli A huge menu featuring enormous sandwiches. You either love the atmosphere or you hate it; there are a lot of MIT and BU students. Dinner for about \$6. (1991) Sun-Thurs 7AM-2AM, Fri-Sat 7AM-3AM

Seafood, Grill Very filling, delicious food. Specialty is seafood, but meat is also nice. Service is impeccable. Jeans discouraged. \$7-11. Mon-Sat 11AM-9PM MC, V, AE, CB, DC

Pizza Good pizza, Greek style. About \$8 for a 16 inch pizza. (1990) 11AM-12m daily

American Big portions of good food. Dinner \$15-20. Crowded, loud yuppie hangout. Good but not cheap! Try the nachos. They deliver; bring a menu home with you. (1990) 11:30AM-2AM daily AE, V, MC, CB, DC

Seafood Lots of fresh fish at reasonable prices (about \$5 for lunch, \$8 for dinner). Try the fish chowder and the seafood combination platters. Dinners come with huge salads, roll and potato. The restaurant is fairly small; the service is friendly. The wait can be long on weekends. (1990) Mon-Thurs 11AM-10PM, Fri-Sat 11AM-10:15PM, Sun 4PM-10PM V, MC

Doughnuts Excellent doughnuts, 'a la Dunkin', but better.

Seafood Go here if you're in the mood for Legal Sea food but don't want to wait forever. Fish cooked "fancy" and well. Legal is definitely better, but here you can make a reservation and they'll honor it. (1987) Mon-Fri and Sun brunch 11:30AM-2:30PM, Mon-Sat 5PM-10:30PM, Sun 'til 9:30 AE, MC, V, CB, DC

178 Restaurants

Du Barry French Restaurant

159 Newbury St., Boston
262-2445
Green Line to Copley

Dunkin' Donuts

616 Mass. Ave, Cambridge #
354-8944
Walking distance

Durgin Park

340 Faneuil Hall Marketplace,
Boston
227-2038
Green Line to Government
Center

East Coast Grill

1271 Cambridge St., Cambridge
491-6568

El Phoenix Room

1430 Commonwealth Ave,
Brighton
566-8590
Green Line to Boston College

Elsie's

71-A Mt. Auburn St., Cambridge
354-8781
Red Line or #1 bus to Harvard

Emack & Bolio's

1310 Mass. Ave., Cambridge #
497-5362
Red Line or #1 bus to Harvard

Emilio's Restaurant

364 Hanover St., Boston
523-9620
Green Line to Haymarket
HowToGAMIT XXVII

French Good, moderately expensive French food. Extensive menu. Count on \$40 per couple for a complete meal. The food is generally excellent. Patio seating in nice weather. (1990) Mon-Sat 11:30AM-2:30PM, Sun-Fri 5:30PM-9:30PM, Sat 5:30PM-10PM AE, MC, V, CB, DC

Coffeshop Longer wait than you'd expect. Not great counter help. Donuts can be stale. Coffee is great, but not of the French Roast variety. (1991) 5AM-11PM daily

Seafood, Steak A classic Boston restaurant. "Established before you were born." Curt waitresses, noisy atmosphere, visible kitchen. Prime rib like the Flintstone's would eat and other New England specialties, but not as great as it once was. Still, everyone should go to Durgin's at least once. At least a 30 min. wait on weekends. Rather pricey. (Don't go to the one at Copley Place. It just isn't the same.) (1991) Mon-Thurs 11:30AM-10PM, Fri-Sat 11:30AM-11PM, Sun 12n-9PM

Southern Try the southern BBQ Beef served with watermelon. Rough, undecorated atmosphere. Interesting beer selection. Dinner about \$15, \$9 minimum. (1987) Sun-Thurs 5:30-10; 'till 10:30 Fri, Sat AE, MC, V

Tex-Mexican Loud environment but good service. Good Mexican food with bite. Good beer selection. Some American dishes. 1/3 vegetarian. Entrees about \$7-10. (1990) 10AM-about 9PM daily

Sandwiches Generous, tasty sandwiches. Very cheap. Try the roast beef. Best cheap breakfast around. A landmark for Cambridge college students. Tacky, classic atmosphere. (1990) Mon-Fri 7AM-12m; Sat 8AM-7PM; Sun 12n-7PM

Ice cream Among the top four homemade ice cream shops, but the ice cream isn't homemade. The original Oreo isn't very good, but the ice cream is generally excellent. Better than Steve's. Friendly people. Their regular flavors include banana ice cream. (1990) 9AM-12m Sun-Thurs; 'til 1AM Fri, Sat.

Italian Small, quaint Italian family establishment. Good quality with adequate portions. Pasta \$4-7, veal and chicken \$10-15. (1990) Sun-Thurs 11:30AM-10PM, Fri-

Sat 11:30AM-11PM MC, V, AE, DC

European Restaurant
218 Hanover St., Boston
523-5694
Green Line to Haymarket

Italian Large restaurant with extensive menu. Reasonably good, reasonably priced (about \$10 for dinner) food. Pasta is good; pizza is famous. Help is well-meaning. Total seating capacity of 500. Cocktail lounge. (1990) 11AM-12:30AM daily all major credit cards

Felicia's Restaurant
145a Richmond St., Boston
523-9885
Green Line to Haymarket

Italian Mostly standard Italian dishes, a few unusual ones. Good with large parties, although it is unusually crowded. Dinner about \$9-15. (1990) Mon-Sat 5PM-10PM, Sun 2PM-9PM AE, CB, DC, MC, V

Francesco's
90 N. Washington St., Boston
723-9326

Italian \$9-15. Best Italian food anywhere. There is nothing bad on the menu. Open 'til 12m Fri, Sat; 'til 11PM Mon-Thurs; 3PM-10:30PM Sun

Fresco's
134 Mass. Ave.
491-8866

Cafe Simple food, right off campus. Rather popular. (1991) Walking distance

Friday's
26 Exeter St., Boston
266-9040
Green Line to Copley

American Can be a long wait for great atmosphere, average food. Yuppie pick-up place. Trendy foods, good drinks including non-alcoholic. They have a huge selection - try the burgers or the taco salad. (1990) 11AM-12m (bar open 'till 1AM) daily; Sunday opens at 10AM. All major credit cards

Friendly Eating Place
985 Mass Ave, Cambridge
354-3245
#1 bus toward Harvard

Pizza and subs Standard Greek sub shop. Inexpensive food, average taste, lousy atmosphere. Try the Greek salad. (1986) Mon-Sat 11AM-11PM; Sun 12n-10PM

Friendly's
190 Alewife Brook Parkway,
Cambridge #
547-0566

Grill, Ice Cream Wide variety on menu. Help tends to be bad. Good sundaes, but other ice cream stores tend to be more interesting. open 'till 11PM, except Sunday 'til 8PM

Green Street Grill
280 Green St., Central Sq.
876-1655

Grill Barbeque is very hot. Walking distance

Greenhouse Coffee Shop
3 Brattle St., Cambridge
354-3184
Red Line or #1 bus to Harvard

American Standard coffee shop fare served in a "greenhouse" atmosphere. Generous portions; reasonable prices; good food. (1990) 7AM-11PM Sun-Thurs; till 12m on Fri and Sat.

Grendel's Den
89 Winthrop St., Cambridge
491-1050
Red Line or #1 bus to Harvard

Various Moderately priced, but good. You've got to have the chocolate fondue for desert. A unique mix and match of French, Italian, Middle Eastern, food. Good salad bar. Service is alright. Drinks are unimpressive.

180 Restaurants

The Ground Round

800 Boylston St., Boston #
247-0500
Green Line to Prudential

Gyuhama of Japan

827 Boylston St., Boston,
opposite the Prudential Center
437-0188
Green Line to Copley

Haagen Dazs

67 JFK St., Cambridge #
354-2844
Red Line or #1 bus to Harvard

Harvard Bookstore Cafe

190 Newbury St., Boston
536-0095
Green Line to Copley

Harvest Restaurant

44 Brattle St., Cambridge
492-1115
Red Line or #1 bus to Harvard

Herrell's Ice Cream

15 Dunster St., Harvard Sq. #
497-2179
Red Line or #1 bus to Harvard

Hi-Fi Pizza and Giant Sub

496 Mass. Ave., Cambridge
492-4600
Walking distance

Hilltop Steak House

855 Route 1, Saugus #
233-7700
car needed

Hong Kong Restaurant

1236 Mass. Ave., Cambridge
864-5311

HowToGAMIT XXVII

(1990) Sun-Thurs 11AM-11PM, Fri-Sat 11AM-12m; all major credit cards

American Good, affordable food (about \$7 for dinner). The big burgers are recommended. (1990) 11:30AM-12:30AM Mon-Sat; 12n-12:30AM Sun. V, MC, AE

Japanese Pricy, but fresh sushi/sashimi, exotic foods, catering to genuine Japanese patrons. (1990) Lunch: Mon-Sat 12n-2:30PM; dinner: Mon-Thurs 5:30-11PM, Fri-Sat 'till 11:30PM, Sun 5-10PM AE, MC, V

Ice Cream Expensive but delicious natural ice cream. Less creative flavors than other local ice cream places. When in Harvard Square, try Herrell's instead. (1990)

American Delicious fresh food in a bookstore. Regular menu and specials available. Everything is recommended. The prices are high (\$18 for a complete dinner), but it is worth it. Artsy crowd. Wide variety of food--chicken, fish, desserts. (1986) Mon-Th 8AM-11PM; Fri, Sat 8AM-12m; Sun 12n-11PM; AE, MC, V

French-Nouvelle Trendy food for an intellectual group. Artfully prepared and presented. You pay for the quality and atmosphere: about \$15-20 for dinner. Try the specials. (1990) 11:30AM-12m or so daily all major credit cards except Discover

Ice Cream Started out as Steve Herrell's second ice cream enterprise. Better than Steve's. The Harvard Sq. store is in an old bank and there are seats in the vault. Go for the chocolate pudding or the red raspberry. (1991) Mon-Thurs 'till 12m; Fri-Sat 'till 1AM

Pizza and Subs Edible (usually) pizza, subs, recently began to deliver. (Delivery on weekdays 'til midnight; weekends 'til 2AM.) (1990) Mon-Thurs 9AM-3AM, Fri-Sat 9AM-4AM, Sun 12n-3AM.

American This place is a classic. It seats about a billion, but expect a wait which could be long. Lots of food--salad, huge portions of red meat, etc., at reasonable (\$12-20) prices. Rare means raw. Everyone should go here at least once. (1990) 11AM-11PM daily AE, V, MC

Chinese You'll know you're there when you arrive at the pink eyesore of Harvard Sq. Good variety of excellent food, and quite a bar (bring I.D.'s). Try the

Red Line or #1 bus to Harvard

Houlhan's

60 State St., Boston
367-6377
Green Line to Government
Center

Il Panino

1001 Massachusetts Avenue,
Cambridge
547-5818
Walking distance

Imperial Restaurant

238 Harvard St., Brookline
731-3322

Indian Globe

474 Mass Ave., Central Square
868-1866
Walking distance

Indian Pavilion Restaurant

Central Sq., Cambridge
547-7463
Walking distance

India Restaurant

256 Elm St., Davis Sq.
354-0949

International House of Pancakes

1850 Soldier's Field Road,
Brighton #
787-0533
Oak Sq. bus (64) from Central
Sq.

Scorpion Bowl. \$7-12 per person. Fast service, dark atmosphere. Many drunk students come here on the weekends. Come here at a less hectic time and you'll be delighted. (1989) Tu-Th, Sun 11:30AM-1:45AM, Fri-Sat 11:30AM-2:15AM; closed Mon

American Good pickup place. Food is ok; appetizers are the best part. Standard to high prices. Service is good, though. (1990) Mon-Thurs 11:30AM-11PM, Fri-Sat 11:30AM-12m, Sun 11AM-10:30PM AE, MC, V, DC, Discover

Italian Real pizza is hard to find, given the grease wheels and chains that grow like mold in college towns. Luckily, you can walk down Mass Ave. to Il Panino and get great pizza, along with super salads and pasta dishes. Il Panino in the North End has a marvelous trattoria - small but worth the wait for a table. Lunches are spectacular- dinner sized portions at lunch prices. Pizza starts at \$7, pasta goes from \$8-15, dinners a tiny bit higher.

Pizza Okay pizza. They deliver. Service much better than at Pizza Pad. (1984) Mon-Sat 11AM-10PM; Sun 2PM-10PM

Indian 12n-10:30PM daily V, MC

Indian Good, authentic Indian food. Dinner is about \$10. Portions are small, so you may want to get an appetizer. The restaurant is often crowded, and you should expect a wait on Fri and Sat nights. Friendly service. Try Thali (vegetarian) or XXXXX Vindaloo (very hot) dishes and the mango milkshake. (1986) 12n-11PM Mon-Sat; Sun 5PM-11PM V, MC

Indian Very good Indian food. Some dishes can be really spicy. Short or no wait. About \$8 for dinner. (1986) 11:30AM-2PM and 5PM-10PM daily V, MC, AE, CB, DC

American, Breakfast Average food for about \$5. Good if you feel like eating breakfast food or if you're hungry in the middle of the night. (1986) 24 hrs. daily

182 Restaurants

Iruna

56 JFK St., Cambridge
354-8576

JC Hillary's

793 Boylston St., Boston
536-6300
Green Line to Copley

Jacob Wirth Restaurant

31 Stuart St., Boston
338-8586
Green Line to Boylston

Jimmy's Harborside Restaurant

248 Northern Ave., Boston
423-1000
Red Line to South Station

Joe Tecce's Ristorante & Cafe

61 N. Washington St., Boston
742-6210
Green Line to Haymarket

Joe's American Bar and Grill

297 Dartmouth St., Boston
536-4200
Green Line to Copley

Jonah's Seafood Cafe

575 Memorial Dr., Cambridge
492-1234
Walking distance (past Next House)

Joyce Chen Restaurant

390 Rindge Ave., Cambridge #
HowToGAMIT XXVII

Spanish This restaurant has one of the most interesting and appetizing selections of food. For under \$10 you can get a good meal. For \$2.50, you can get a quart of their homemade sangria. Extremely crowded - be prepared for a long wait. Mon-Thurs 11AM-2PM and 5:30PM-10PM; Sat 1PM-10PM; closed Sunday

American Classy, kind of expensive place. Mostly meat food, yuppie crowd. 90's ish place, very "in-vogue." \$15-20 for dinner. Worth going to, especially on dates. (1990) 11:30AM-midnightish daily (11PM Sun, Mon); Sunday brunch 11AM-3:30PM V, MC, AE

German Germanesque restaurant with good food from sandwiches to prime rib. Excellent strudel. Lunchtime crowds can be annoying. Mon-Weds 'till 11, thu-sat 'till midnight, reservations accepted MC, V, AE

Seafood Not as good as Anthony's Pier 4, but the idea and location is similar. Dinner about \$20-25. Nice atmosphere and view. The owner is Greek, and there are a few great Greek dishes. (1990) Mon-Sat noon-9:30PM; Sun 4PM-9PM MC, V, AE, DC

Italian Good, not great, Italian restaurant. \$8-12 for lunch and \$10-20 for dinner. Good desserts. There is no sign in front of the restaurant; it's a blue brick building on the corner of Washington and Cooper. Service is great. (1990) 11AM-11PM Mon-Sat; Sun 3:30-10 DC, AE

American Very nice atmosphere and service for the price range. \$10-16 dinner entrees. Food is okay. Bar is the young-Republican/pitiful-singles yuppie scene. Good for couples and foursomes. (1990) Mon-Fri 11:30AM-12m; Sat 10:30AM-12m; Sun 10:30AM-11PM AE, MC, V

Seafood This restaurant at the Hyatt Regency Hotel does some pretty interesting things to seafood and charges you for the privilege of tasting nice-sized portions of them. \$10 minimum. The view and atmosphere are worth going for (the food is okay), but for great seafood there are better places. The all-you-can-eat Sunday brunch at \$15.50 is worth it. From scrambled eggs to Seafood Newburg and everything else in between. (1984) MC, V, AE, CB, DC

Chinese Very good Chinese food in small portions. Everything is very flavorful, but some is not well-

492-7373
Red Line to Alewife

Kabuki Restaurant
24 Pearl St., Cambridge
491-4929
Walking distance

Kebab-N-Kurry
30 Mass. Ave, Boston
536-9835
#1 bus to Boston

Kentucky Fried Chicken
168 Hampshire St., Cambridge,
other Boston locations
547-8615
Walking distance

The King and I
145 Charles St., Boston
227-3320
Red Line to Charles

King Fung Garden
74 Kneeland St., Boston
357-5262
Orange Line to Chinatown

Korea Garden
20 Pearl St., Cambridge
492-9643
Walking distance

L'Espalier
30 Gloucester St., Boston
262-3023
Green Line to Auditorium or #1
bus

prepared. About \$15 for dinner. But try the lunch buffet. Mandatory 15% service charge. Service is slow. (1991) Sun-Thurs 12n-10:30PM, Fri-Sat 12n-11:30PM MC, V, AE

Japanese Not what it used to be, but still has good Japanese food. Try the combination dinnner (they'll feed you until you're full). Dinner \$8-10. Very short wait. No reservations. (1991) Thurs-Sat 5PM-10PM V, MC

Indian Good food. Mostly curry, BYOB. Try the Chicken Korma. Reservations available. (1990) 5PM-11PM daily, Mon-Sat 12n-3PM V, AE, MC, DC

Fast Food, Chicken National chain. Decent. Fast food; whaddya want? (1990) Sun-Thu 10:30AM-10PM, Fri-Sat 10:30AM-11PM

Thai Good food for about \$6-7 for lunch and \$10 for dinner. Try the hot and sour shrimp soup or the chicken salad. The wait can be long. Reservations available. (1986/prices 1990) Mon-Fri 11:30AM-2:30PM, Sun-Thurs 5PM-9:45PM, Fri-Sat 5PM-10:45PM V, MC

Chinese The hole-in-the-wall, more popularly called "Brezhnev's" after the cook, seats about 15 in a converted gas station. Heavily patronized by Senior House and TEP, it is entirely devoid of atmosphere. The employees speak no English. The northern (Shan Xi) cuisine is rare in Boston and very good. It is possible to eat a full meal on anything between \$3-13. (1990) hours unavailable; see description

Korean A very small restaurant. Food is OK, but not great, and portions are small. Dinner is about \$12. There can be a short wait. Reservations available. (1986) Mon-Wed 5PM-10PM, Thurs-Sat 12n-10PM, Sun 3PM-10PM V, MC

French Fabulous French food, good atmosphere, excellent service, but the price prohibits frequent visits. They have a couple of fixed-price menus, the most inexpensive of which is \$56 for a three-course meal. Great place to take someone you want to impress. Reservations recommended. (1990) Mon-Sat 6PM-

184 Restaurants

La Groceria Italian Restaurant

853 Main St., Cambridge
547-9258
Walking distance

Larry's Chinese Restaurant

302 Mass. Ave, Cambridge
492-3170 or 492-3179
Walking distance

Legal Sea Foods

5 Cambridge Center, Cambridge

864-3400
Walking distance

Locke-Ober Cafe

3 Winter Place, Boston
542-1340
Red Line to Park

Lucky Dragon Restaurant

45 Beach St., Boston
542-0772
Orange Line to Chinatown

Magic Pan Restaurant

47 Newbury St., Boston #
267-9315
Green Line to Arlington

10PM AE, V, MC

Italian Good food in a nice atmosphere. About \$6-8 for lunch and up to \$20 for dinner. It can be very busy on the weekends. The fettucini is recommended, although everything is pretty good. Reservations for parties of 6 or more. (1990) Sun-Thurs 11:30AM-10PM, Fri-Sat 11:30AM-11PM MC, V, AE, DC, Discover

Chinese Szechuan, Mandarin, Hong Kong, and Cantonese cuisine. Delivery is available to MIT dormitories if order is \$15 or more. Service charge of \$1.00 for delivery. Lunch costs \$3-5, and dinner is from \$4-\$7. Don't bother -- head up the block to Mandarin or Mary's. (1991) Mon-Thu 11:30-9:30, Fri-Sat 11:30-10, closed Sun V, MC

Seafood Delicious seafood - everything is recommended, especially the fish chowder. Dinner can cost about \$20. Try the less expensive but also very good take-out fish and chips and other dishes. Big menu and big wine list. Try this at least once; it is an MIT and Boston institution. Reservations for parties of 6 or more. (1991) Mon-Thurs 11AM-10PM (last seating, not closing); Fri, Sat 11AM-10:30PM (last seating); Sun 4PM-10PM (last seating) AE, MC, V, DC, Discover

Fancy Very expensive (\$18-40), elegant restaurant. Exceptional food, a la carte, great atmosphere. Get mom and dad to take you here. Try the beef stroganoff, the salmon, and the Seafood Newburg. Save room for dessert! Reservations recommended. (1990) Mon-Sat 11:30AM-2:30PM, Sun-Thu 5:30-10PM, Fri-Sat 5:30-10:30PM AE, MC, V, DC

Chinese Located in Chinatown, this restaurant serves some of the best Chinese food around. There can be a bit of a wait. Dinner is about \$10. Try the cashew chicken and oyster sauce beef, or bring someone who reads and speaks Chinese and get the specials. It recently improved its decor and furniture. Menus also changed, with new, higher prices. Reservations available. (1988) 11:30AM-3:30AM daily MC, V

Crepes Good selection of delicious fillings in white flour crepes. the desserts are better than the entrees. A filling meal costs \$10-12. Delicious seasonal specialty drinks like hot chocolate with peppermint schnapps.

Maison Robert

45 School Street, Boston
227-3370
Red Line to Park

Reservations available. (1990) Mon-Thurs 11:30AM-10PM, Fri-Sat 11AM-11PM, Sun 11AM-9PM AE, V, MC, Discover

Mandarin Restaurant

332 Mass. Ave., Cambridge
497-1544
Walking distance

Continental Expensive but luscious. Superb fowl. Food cooked tableside in upstairs dining room. \$25 easily, about half that for lunch. Reservations recommended. (1990) Mon-Sat 11:30-2:30PM and 5:30PM-9:30PM, cocktail hour at 4:30 MC, V, AE, DC, Discover

Matsu-Ya Restaurant

1790 Mass. Ave., Cambridge
491-5091
Red Line to Porter

Chinese Good, reasonably priced Chinese food. The buffet and lunch specials are especially recommended. About \$7 for lunch, \$10 for dinner. Usually no wait. Reservations available. (1990) Sun-Thurs 10:30AM-10PM, Fri-Sat 10:30AM-11PM MC, V, AE

Korean, Japanese Good Korean and Japanese food for high prices. Sushi dinners range from \$8 to \$20. The Maki Sushi Special (a combination of Hamachi-Maki, Salmon Skin Maki, Tekka Maki, and California Maki) is not very filling, though it costs \$14. Individual orders of sushi (two pieces per order) range from \$2 to \$3.50. Individual orders of thin nori roll cost \$4. Soups range from \$1 to \$8. Appetizers range from \$2 to \$6. Entrees range from \$7 to \$14. There are also vegetarian dishes for about \$7. There are better Korean-Japanese restaurants closer to MIT. Reservations recommended for weekends. (1989) Sun-Thurs 5PM-10PM, Fri-Sat 5PM-11PM MC, V

McDonalds

463 Mass. Ave., Central Sq., #
Walking distance

Fast food "Don't go to the McDonalds in Central Square; they suck doggie ears." Service is horrid.

Medieval Manor

246 East Berkeley, Boston
423-4900

Medieval Dinner and show for between \$19 and \$25, depending on the night. (Parties of 10 or more add \$2 service fee per person). Includes beer, wine and cider, mixed drinks available for extra. Employees sing and dance, and you can watch each other eat without utensils. Plenty of food. Patrons must be of drinking age. No smoking. Everyone should go once. Reservations required far in advance. (1986) MC, V

Michael's Waterfront

85 Atlantic Ave., Boston
(Commercial Wharf)
367-6425
Blue Line to Aquarium

American Meals cost \$16-\$22. Specializes in seafood, lamb, and veal. Reservations recommended. (1990) 5:30PM-10:30PM daily MC, V, AE, CB, DC

186 Restaurants

Middle East Restaurant

Mass. Ave., Central Square,
Cambridge
354-8238
Walking distance

Milk Street Cafe

50 Milk St., Boston
542-3663

Miyako Japanese Restaurant

468 Commonwealth Ave., Boston
236-0222
Green Line to Kenmore

Moon Villa of Chinatown

23 Edinborough St., Boston
423-2061
Orange Line to Chinatown

Mother Anna's

211 Hanover St., Boston
523-8496
Green Line to Haymarket

New Asia Restaurant

326 Somerville Ave., Somerville
628-7710

New Korea Restaurant

1281 Cambridge St., Cambridge
876-6182
Walking distance

Newbury's Steak House

94 Mass. Ave., Boston
536-0184
Green Line to Hynes or #1 bus

Newtowne Grill & Steak House

1945 Mass. Ave., Cambridge
661-0706

Middle Eastern \$6-8 for excellent-sized servings of Middle Eastern food. \$2.75 for fair falafel. Lentil soup is worth a try. Also a bit of a night club; there are often performers there, both during the week and on weekends. (1990) 11AM-midnight daily AE, MC, V

Sandwiches Cafeteria style, fairly good salads and such, served in a pleasant pastel setting. Good lunch for \$5-\$7. Kosher (milchig). No reservations. (1990)

Japanese Standard Japanese fare with some unusual dishes. Really beautiful, creatively done sushi. Complete dinner for \$8-\$13, lunch \$4-\$6. Very friendly service. Reservations for large parties. (1990) Mon-Sat 12-2:30, Mon 5:30PM-10:30PM, Fri-Sat 5:30PM-11PM, Sun 5:30PM-10PM MC, V

Cantonese Extensive menu of very good and quite authentic food. Black bean sauce is out-of-the-world! \$5 lunch, \$8-\$11 dinner. Reservations available. (1990) 11AM-4AM daily AE, V, MC, \$10 minimum

Italian A good Italian restaurant. The menu carries fairly standard fare. The food is really well prepared and reasonably priced, \$6-9 for lunch, \$9-12 for dinner. Reservations recommended for weekends. (1990) Mon-Fri 11:30AM-3:30PM, 5PM-11:30PM daily AE, MC, V, DC

Chinese Good Chinese food. Portions are large and relatively inexpensive (lunch \$5, dinner \$8). Try Hunan chicken, Peking ravioli. There may be a short wait. (1986) Mon-Thurs 11:30AM-10:00PM, Fri-Sat 11:30AM-11PM, Sun 3PM-10PM MC, V

Korean Very authentic Korean food. Huge servings including dishes of Kim Chee, bean sprouts, and watercress with all dinners. The food is delicious, donkatsu and bibim pahb are recommended. Expect a short wait on weekend nights. (1986) Mon-Fri 5PM-10PM, Sat-Sun 12n-10PM MC, V, AE

Steak, American Good food for about \$10 for dinner. The salad bar, included with entrees, is especially good. (1989) 12n-12m daily MC, V, AE, CB, DC

Italian, American Good food for about \$7 for lunch, up to \$10 for dinner. Try chicken parmigiana special. Smoking section not well separated. (1986) Sun-Thurs 11:30AM-11PM, Fri-Sat 11:00AM-11:30PM MC, V

Red Line to Porter

Newtowne Variety

93 Windsor St., Cambridge

868-5112

Walking distance

Subs Located in the corner of a neighborhood market, this place sells cheap (less than \$3), large subs. The wait is short even if the line is long. Average quality. Try tuna or chicken cutlet subs. (1986) Mon-Fri 7AM-6PM, Sat 8AM-5PM

Nick's Beef & Beer

Mass. Ave., between Harvard and Porter Squares

Red line or #1 bus to Harvard

American Reasonably good food, cheap, very dark. Best cheeseburger for the money. Surly waitresses. \$2 - \$5. (1991)

No-Name Restaurant

15 1/2 Fish Pier, Boston

338-7539

Red Line to South Station & long walk

Seafood Huge portions of no-frills seafood for about \$9. Cash bar. Speedy service, but still the place is packed and there is often a long line. It is hard to find the restaurant, but the food and chaotic atmosphere make it worth trying. (1991) Mon-Sat 11AM-10PM

Oh Calcutta Indian Restaurant

468 Mass. Ave., Central Square

576-2111

Walking distance

Indian Good Indian food, bad service, interesting clientele. \$10-15 for either lunch or dinner. Sometimes there are bands. (1990) 12n-10:30PM daily MC, V

Papa Gino's

596 Mass. Ave., Cambridge

492-0881

Walking distance

Pizza Fast food pizza and pasta; decent but not real impressive. (1989) Sun-Thurs 11AM-10PM, Fri-Sat 11AM-11PM

Papa Razzi

Cambridgeside Galleria

577-0009

Walking distance, or take the free mall bus from Kendall Square

American Stuck in the mall with a little extra money? Take a walk over to Papa Razzi, one of the chains set up by Charley Sarkis (Joe's American Cafe, JC Hillary's) and treat yourself to dinner. Five choices of tossed salad, appetizers galore and the option of ordering family style for some items (pasta and salads). Prices around \$9-15, save room for dessert.

Parker's Restaurant

60 School St., Boston

227-8600

Red Line to Park St.

High Class An elegant, worthwhile experience if you're willing to spend the money (\$4.25 for escargots, \$33 for Chateaubriand for two). The Sunday brunches at \$9.50 are well worth it, with almost anything your heart desires and as much of it as you can eat. Reservations necessary. Mon-Fri 11:30AM-2:30PM and 5:30PM-10PM, Sat 6PM-10:30PM, Sun 6PM-10PM AE, MC, DC, CB, V

Passage to India

1900 Mass. Ave., Cambridge

497-6113

Red Line to Porter

Indian Extremely good Indian food in Cambridge at reasonable cost. (1987) 11:30AM-11PM daily except Sun no lunch V, MC

188 Restaurants

Peppercorn's

154 Prospect St., Cambridge
661-2022
Walking distance

Pizza Pad

540 Commonwealth Ave., Boston

536-0559

Pizzeria Regina

4-10 Holyoke St., Cambridge #
864-9279
Red Line or #1 bus to Harvard

Pizzeria Uno

645 Beacon St., Boston #
262-2373
Green Line to Kenmore

Rebecca's

267-1122
112 Newbury St., Boston
Red Line to Charles

Rebecca's Cafe

Main St., Kendall Square,
Cambridge #
661-8989
Walking distance

Ritz-Carlton Dining Room

15 Arlington St., Boston
536-5700
Green Line to Arlington

Roka

1005 Mass. Ave, basement
#1 bus

Rosie's Bakery and Dessert Shop

243 Hampshire St., Cambridge
491-9488

HowToGAMIT XXVII

American Good cheap American food at a reasonably nice place. A short walk from MIT. Mon-Wed 11:30AM-10PM, Thurs-Sat 11:10AM- 11PM, Sunday Brunch 9:30AM-2:30PM V, MC

Pizza Typical New York Italian greasy but delicious pizza place. Well worth the walk over the Longfellow bridge. They deliver. (1990) 11AM-3AM daily

Pizza Decent pizza; cheap for its location. Beer and wine available. (1990) Mon-Sat 11AM-12m, Sun 3PM-11PM

Pizza Really good deep-dish pizza with a large variety of toppings. It is easy (and inexpensive -- about \$8 for lunch or dinner) to get stuffed. Always crowded at dinnertime; expect a 15 min. (or more) wait. Lunch specials. Students and yuppie business people are the major patrons. (1991) Sun-Wed 11AM-12:30AM, Thurs-Sat 11AM-1AM

American Delicious, light, innovative cuisine. New menu daily. Excellent fresh seafood entrees. Casual atmosphere. Lunch is about \$7-15. Dinner costs about \$10-20. AE, V, MC

Cafe This is a somewhat expensive, somewhat yuppie, but very good bakery/cafe. Good for lunch; particularly good for dessert. (1990)

Fancy Excellent hotel food. Drinks are small and expensive. The seafood is the best, soups are poor. Vegetables are evenly breaded and dried out. Dessert prices are too high. Don't forget your tie and jacket! Reservations recommended. Mon-Sat 12n-2:30PM, Sun-Thurs 6PM-10PM, Fri-Sat 6PM-11PM, Sun brunch 11AM and 1:30PM seatings DC, AE MC, V

Japanese A la carte sushi bar where you can select what you want. Also has maker's show while you wait. Lunch specialties \$2.50-4.50., dinner \$5-12. Fri-Sat 5:30PM-11PM, Tues-Sat 11:30AM-2:30PM, Sun and Tues-Thurs 5:30PM-10PM V, MC, AE

Bakery The best bakery goods in the Boston area. You pay for it, however. Everything is good, but the carrot cake, cream cheese brownies, and velvet underground cake are especially recommended. They

Walking distance

also serve Haagen Dazs ice cream and beverages. The goodies are worth the walk to Inman square. (1986) 7:30AM-12m daily

Royal East

792 Main St., Cambridge
661-1660

Walking distance

Chinese Sun-Thurs 11AM-10PM, Fri-Sat 11AM-11PM
One of the two places near MIT that serve Suan La Chow Show. About \$7 for lunch and \$10 for dinner. Sometimes there is a wait to be seated. Try the sea conches or the Moo Shu. Service is good and surroundings are clean and nice. Some feel that Royal beats Mary Chung. (1991) 7:30AM-12m daily MC, V, DC, AE

Rubin's Kosher Delicatessen and Restaurant

500 Harvard St., Brookline
566-8761
Green Line (B) to Harvard St.

Deli Kosher delicatessen and restaurant (almost) good enough for New York. About \$10. Yummy! (1991) Sun-Thurs 11AM-8PM

Rudi's French Bakery

279 Newbury St., Boston
536-8882

Cafe A take-out gourmet shop. Some outdoor seats. Everything is very good. The fruit tarts and other desserts are highly recommended. Pasta salads and roast beef sandwiches with herbed cheese are also especially tasty. Lunch about \$5, dinner about \$7. Yuppie sort of place. (1986/prices 1990) Mon-Sat 7:30AM-8PM, Sun 9AM-6PM AE, V, MC

Ruggles Restaurant

365 Washington St., Boston
338-7981
Red Line to Downtown Crossing

Pizza British cheddar cheese pizza. Very different, and very good -- if you like cheddar cheese. Reasonably priced. (1990) Mon-Sat 10AM-9PM, Sun 12n-7PM

S&S Deli Restaurant

1334 Cambridge St., Cambridge
354-0620
Walking distance

Deli Standard American food at good prices and good atmosphere. However, often crowded, and service can be slow. Great deserts. (1990)

Saffi's New Orleans North

835 Beacon St., Boston
424-6995

Creole Good Creole food. Some spicy dishes; all are very tasty. Has no smoking section. The front of the place is a bar with jazz band playing late on weekends; the back is a very nice restaurant. Serves Sunday brunch. Dinner about \$12. (1986) Mon-Thurs 5PM-1PM, Fri-Sat 5PM-11PM, Sun 4PM-10PM, Tues-Fri 11:30AM-3:30PM MC, V, AE

Sail Loft

One Memorial Drive, Cambridge
225-3888
Walking distance

Seafood Huge portions of food (most notably the fish-and-chips) for \$6-15. The small nacho plate for \$6.50 is an entree for one person or a big appetizer for 3-4. Steamed lobster with mussels, a daily special, is a bargain at \$9.95. The burgers are great. The chicken

190 Restaurants

Salty Dog

Faneuil Hall Marketplace, Boston
742-2094
Green Line to Haymarket

Seasons Restaurant

North & Blackstone, Boston
523-3600

Siam Garden

45 1/2 Mt. Auburn, Cambridge
354-1718
Red Line or #1 bus to Harvard

Sol Azteca

914-A Beacon St., Boston
262-0909
Green Line to St. Mary's

Soom Thai

167 Mass. Ave., Boston
266-8884
Green Line to Auditorium or #1 bus

Souper Salad

36 Boylston St., Harvard Square

497-6689
Red Line or #1 bus to Harvard

The Spinnaker

575 Memorial Drive, Cambridge
492-1234
Walking distance

apple walnut salad for \$6 is also terrific. The service is friendly. (1989) Sun-Tues 11:30AM-10PM, Wed-Sat 11:30AM-11PM AE, MC, V

Seafood Wet, slippery raw oyster, littlenecks, cherrystones. Also many, many different kinds of fish fried or broiled. **WARNING:** this is an authentic New England seafood restaurant--intestines and other guts are not removed from the shellfish; you are expected to eat them. Hot sauce helps. Also serves Sunday brunch--seafood omelettes and champagne. (1990) 11:30AM-10PM daily MC, V, AE

American Mon-Fri 7AM-10:30AM and 12n-12:30PM and 6PM-10PM, Sat 7AM-1PM and 6PM-10:30PM, Sun 7AM-11AM and 12n-3PM and 6PM-9:30PM MC, V, AE, CB, DC

Thai Amazing atmosphere for any restaurant, let alone Thai. (This was once an expensive French place.) Best Thai in Cambridge. Try Pru Rad Prik (Hot & Spicy Fish). Dinner is \$8-15. The size of the entrees are small. They consider two duck legs to be worth \$10. (1989) Mon-Sun 5-10:30 AE, V, MC

Mexican More variety in menu than Casa Mexico, but the food isn't quite as good. If you're in the neighborhood, though, it's worthwhile. Good mole poblana. Complete, very stuffing meal for \$8-18. (1984) Mon-Thurs 6PM-10:30PM, Fri-Sat 6PM-11PM, Sun 5PM-10PM MC, V, AE

Thai Very good, authentic Thai food. Dinner is about \$12. Has special seats on a raised platform where you can sit on the floor on cushions. (1986) 11AM-3PM and 5PM-10PM daily; Sundays open at 1PM V, MC, AE

American Salad bar is quite good and you can make a filling \$6 dinner out of it. If you have a mixed crowd of salad lovers and carnivores, this is a good place since the burgers, omelettes, and soups are also quite good. Decent supply of good vegetarian fare. (1990) Sun-Thurs 11AM-10PM; Fri, Sat 11AM-11PM V, AE, MC (\$10 min for cards)

American Good view on revolving platform. You pay for it, though. The food is okay; portions are small. Sunday brunch is \$25/person -- and there is a great variety of food. Great orange juice. (1989) lunch M-F

11:45AM-2:30PM; Dinner M-Sat 6PM-9:30PM; Sunday
brunch 10AM-2PM AE, MC, V, CB, DC

Thai Try the masaman curry. Mon-Fri 11:30AM-3PM,
daily 5PM-10:30PM for dinner MC, V, AE, DC

Pizza Some of the best pizza around. Sometimes they
deliver. Buy 4 pizzas, get 1 free. About \$5 for a small
pizza, which feeds one person nicely. Small place.
(1990) Mon-Sat 11AM-9:45PM, Sun 12n-9:45PM

Ice Cream The ice cream is homemade and pretty
good (some say it's best), but the quality has been
declining since Steve's was bought out by a national
chain. The flavor selection doesn't change much, and
there's often a lot of duplication, such as banana,
cinnamon-banana, and coffee-banana at the same
time. (1990) Mon-Sat 7AM-12m; Sunday 9AM-12m

Sandwiches Pretty good stuff-rolled-in-pita
sandwiches for reasonable prices. (1990) opens 10-ish
am; closes 12m Fri, Sat; 10PM Sun; 11PM Mon-Thurs

Chinese Pretty good Mandarin food. Fast service.
Some spicy food. Lunch \$5, dinner \$8. Try the two-
sided pan fried noodles. The Beacon St. one is the
better of the two and has wonderful shrimp dishes.
(1987) Sun-Thurs 11:30AM-12m; Fri, Sat 11:30AM-
1AM MC, V, AE

Indian Great Indian food. A bit pricey, but an MIT ID
will get you a 10% discount. Be sure to order a mango
lassi to drink. V, MC

Japanese Ritzy Japanese place with karaoke bar
upstairs. Expensive but good food. Mon-Sat 11:30AM-
2:30PM and 5PM-10PM AE, JCB, V, MC, DC

American Mon-Fri 6:30AM-11PM; Sat-Sun 7AM-11PM
V, MC, DC, Discover

American One of the best views in the area, but you
pay for it. The food is average. Brunch served on
Sunday (\$16), and hospitality hour Mon-Fri 4PM-7PM.
(1986) lunch: Mon-Fri 11AM-3PM, Sat 12n-3PM;
Dinner 5:30-9:30 Sun-Thurs, 'till 10:30 Fri and Sat;

HowToGAMIT XXVII

Star of Siam Restaurant

93 Church St., Boston

451-5236

Green Line to Arlington

Stefani House of Pizza

783 Main St., Cambridge #

491-7823

Walking distance

Steve's

31 Church St., Cambridge #

354-9106

Red Line or #1 bus to Harvard

Stuff-its

The Garage, Harvard Square

497-2220

Red Line or #1 bus to Harvard

Ta Chien

900 Beacon St., Boston #

247-3666

Green Line to St. Mary's

Tandor House

Mass. Ave., Central Sq.,

Cambridge

Tatsukichi Boston

189 State St., Boston

720-2468

Blue Line to State St.

Toffs

5 Cambridge Parkway,

Cambridge

491-3600

Walking distance

Top of the Hub

Prudential Center, Boston

536-1775

Green Line to Prudential

192 Restaurants

Toscanini's Ice Cream

Main St., Cambridge (also in the Student Center)

491-5877

Walking distance

Union Oyster House

41 Union St., Boston

227-2750

Green Line to Haymarket

Upstairs at the Pudding

10 Holyoke St., Cambridge

864-1933

Red Line or #1 bus to Harvard

Victoria Station

by the Children's Museum

Red Line to South Station and walk

Villa Francesca

150 Richmond St., Boston

367-2948

The Winery

Lewis Wharf, Boston

523-3994

Blue Line to Aquarium

Sunday brunch 10AM-2:30PM all major credit cards

Ice Cream The ice cream store that cares. The best ice cream around Boston is close to MIT and comes in all sorts of innovative flavors. The basics and extra toppings are good too. Very pleasant employees, a large percentage of whom are MIT students. (1991) 11:30AM-12m daily

Seafood A classic--almost on par with Durgin Park. Good food - lobster, oysters, clams. About \$12 for dinner. (1990) Sun-Thurs 11AM-9:30PM; Fri, Sat 11AM-10PM All major credit cards

High Class, European Delicious expensive food in an extremely elegant atmosphere above Harvard's Hasty Pudding Club. Easily \$30-40 per person for French/Italian food. Make reservations. (1986) Tues-Sat 6PM-10PM AE, V, MC, CB, DC

Steak A great salad bar starts off a wonderful meal of prime rib or steak the way you want it, topped off by exquisite desserts. And the price is right, too. (1991) MC, V

Italian Very good food. The cannoli receives rave reviews. There is always a line outside (20 min. or more). In the winter it is a cold wait but well worth it. (1986) Mon-Thurs 5PM-11PM, Fri-Sat 5PM-11:30PM, Sun 4:30PM-10PM AE, CB, DC

Seafood, Steak Excellent selection of steak and seafood at a reasonable price. All meals come with a carafe of the house wine (fair), but you might want to select from the wine list (superb). Great place for late dinner, \$12. Lunch and dinner on the waterfront. Outside waterfront patio and bar. Lunches start at \$5. Mon-Thurs 11:30AM-11PM; Fri, Sat 11:30AM-11PM; Sunday 12n-9PM AE, MC, V, DC

ROYAL EAST

"AUTHENTIC CANTONESE AND SZECHUAN CUISINE"

OPEN SEVEN DAYS

792 MAIN STREET, CAMBRIDGE

661-1660

SUNDAY THRU THURSDAY

11:30 AM - 10:00 PM

FRIDAY AND SATURDAY

11:30 AM - 11:00 PM

Media

Radio

Boston is one of the largest radio markets in the country. The programming offered by the commercial stations is wider than what you'll find in most cities and features new music, rock, Top 40, and Muzak. Boston also has a large number of public, network, and college stations, generally commercial-free, featuring music not played by the majority of commercial stations (jazz, classical, folk, etc.). WGBH is the local public outlet. Eight college stations are listed here, mostly at the low end of the FM dial. WMBR (MIT), WHRB (Harvard), WBUR (BU) and WERS (Emerson) are the most easily received on campus.

The MIT radio station, **WMBR** (50-030, x3-4000) broadcasts on 88.1 FM to the entire Boston area. Monthly schedules are sent out free upon request.

If Boston's stations don't satisfy you, or if you are homesick, you can listen to numerous out-of-town AM stations at night. Continuous news can be heard on WCBS (880kHz) and WINS (1010) from New York or WBBM (780) from Chicago. Top 40 booms in on WLS (890) from Chicago. Excellent classical music programming is on WQXR (1560) in New York. Big band music can be heard on WNEW (1130) from New York. Numerous other clear channels around the US and Canada can be heard at night; most of the powerful stations are between 640 and 900kHz, 990 and 1220kHz, and 1500 and 1580kHz. Reception, however, is irregular at best. Incidentally, WBZ-AM (Boston) can be heard in 38 states at night.

AM Stations The following table lists the AM stations, their call letters, frequencies, and a brief description of each. An asterisk indicates good reception on campus.

*WEEI	590	(CBS/Boston) All news 5 AM-10 PM; mystery and talk all night. Patriots, Celtics. No music.
*WRKO	680	(RKO General/Boston) All talk radio. Red Sox, BC football.
WHDH	850	(Boston) A mostly talk radio station, with topics ranging from current events to sports to movies.
*WROL	950	(Boston) Mostly talk and ethnic music.
*WBZ	1030	(Westinghouse/Boston) Daytime: news. Night: Talk. Weekends: Sports Talk
*WILD	1090	(Boston) Soul music. Daytime only.
WMEX	1150	(Boston) "Favorite oldies."
WEZE	1260	(ABC/Boston) Boston's only Christian-formatted radio station.
WDLW	1330	(Waltham) Country music. Bruins.
*WXKS	1430	(Medford) 40's music. Daytime only.
WNTN	1550	(Newton) Many different types of ethnic programming.
WUNR	1600	(Brookline) Ethnic programs, soul (midnight-3 AM).

FM Stations WBUR (90.9) interferes with the reception in the BU area and on the west side of campus; WBCN (104.1) has its transmitter on top of the Prudential Tower and can be found across the dial at times. Not all of the stations below can

be found in the MIT area without at least a dipole antenna. The stronger stations are noted by (*). Station logos are included in the description when available. All are stereo and 24 hours a day unless noted otherwise.

*WMBR	88.1	(14hr) MIT/Cambridge. WMBR is Walker Memorial Basement Radio, staffed by students and non-MIT people. Their transmitter is atop Eastgate, the highest point in Cambridge. Music runs the gamut from new wave to rock to Indian music. Program guides are available at the station or by calling x3-4000.
*WERS	88.9	mono (20hr) Emerson College/Boston. Good jazz in the afternoon, classical in evening, country, folk, some popular. Program guide available. 1000-watt transmitter.
*WGBH	89.7	National Public Radio/Boston. Classical on mornings and weekends, jazz all night. Live music (BSO and New England Conservatory concerts) and good tapes (BBC, CBC), organ recitals. Poetry, literature, public affairs. Program guide available.
WZBC	90.3	mono; Boston College/Newton. Country, folk, bluegrass, rock, modern, classical.
*WBUR	90.9	Boston U/Boston. Classical 9 AM through 10 PM; jazz at other times with news at 4:30 PM and 7 AM. Program guide available.
WMFO	91.5	Tufts U/Medford. Wide variety of programming. Guide available.
WBRB	91.7	mono; Brandeis U/Waltham. Soul, mellow rhythm and blues. Some rock and jazz. No commercials. AP news.
WUMB	91.9	Boston. Folk, acoustic music; talk radio, news, and weather.
WSNE	93.3	Providence. Soft rock, oldies.
*WBOS	92.9	Brookline. Country.
*WCGY	93.7	Lawrence. General rock and roll.
*WJMN	94.5	Boston. "Jam'n," Dance, R&B.
*WHRB	95.3	Harvard U/Cambridge. Jazz, classical, folk, rock; few commercials. Big classical-music programs during Harvard reading period. Program guide available, call 495-4818. 3 Kwatts.
WATD	95.9	Folk music, town meetings.
*WCBS	96.9	Boston's country station.
WCAV	97.7	Brockton. More country.
*WROR	98.5	RKO/Boston. Music radio format. American Top 40 twice on Sundays. Oldies on Saturday night followed by "Solid Gold." News and traffic only in the mornings. Countdown America on Wednesday night.
WPLM	99.1	Big Band, Bruins.
WSSH	99.5	Lowell. Soft hits, 95% vocal.
*WZLX	100.7	Boston. Classic rock. Mostly 60's and 70's.

WFNX	101.7	Boston Phoenix/Lynn. Arts, entertainment, and lifestyle radio with 40 minutes of music each hour. Alternative rock, with jazz on Sunday mornings.
WCRB	102.5	Waltham. BSO, Pops, and Tanglewood concerts Friday-Sunday evenings. The classical music station with commercials. "WCRB Saturday Night" comedy show weekly about 11:30 PM. Few commercials 1-6 AM. Occasional simulcast with WGBH-TV. Program guide available online.
*WODS	103.3	Boston. Oldies.
*WBCN	104.1	Boston. Rock with DJ personalities. Lots of DJ voice-overs. News from the Associated Press Network.
WRBB	104.9	Northeastern U/Boston. Progressive music. Formerly at 91.7 on the dial.
*WVBF	105.7	Framingham. "Red Hot Country."
*WMJX	106.7	Boston. "Magic 106" plays soft rock and adult contemporary.
WAAF	107.3	Worcester. Hard-core rock.
*WXKS	107.9	Medford. Kiss-108. Plays contemporary hits leaning toward dance beat. Sometimes they'll play the same song three times in one hour.

Television

Clear reception of all Boston VHF channels is very difficult to achieve on campus, thanks to ghosts bouncing off the Muddy Charles. If you're seeing double, you can try one of the more distant stations listed below; they may be a little fuzzy but will be ghost-free. For the final solution, see *MIT Cable Television*, below.

<i>Station</i>	<i>Channel</i>	<i>Affiliation</i>	<i>MIT Cable Channel</i>	<i>Description</i>
WGBH	2	PBS	23	Public TV. Simulcasts with WCRB-FM. Boston
*WBZ	4	CBS	24	Standard CBS fare. Boston
*WCVB	5	ABC	25	& Standard ABC fare. Boston
WLNE	6	CBS		& Standard CBS fare. New Bedford
*WHDH	7	NBC	26	NBC and more. Boston
WJAR	10	NBC		Standard NBC fare. Providence, RI
WPRI	12	ABC		Standard ABC fare. Providence, RI
*WFXT	25	Fox	33	Reruns, movies, Fox Television. Boston
*WSBK	38	UPN		Reruns, old movies, sports, UPN programming. Boston
*WGBX	44	PBS	35	Educational. Associated with WGBH. Boston
*WLVI	56	WB	30	Reruns, old movies, and sports, plus WB programming. Cambridge
*WQTV	68	Ind.	31	Variety of syndicated programming.

Boston

MIT Cable Television

MIT has a cable TV system with cable drops in all dormitories, lobbies 7 & 10, and various other locations. The control center is located in the basement of Building 9. Channels 8, 9, 10, 11, and 12 have included live and taped lectures, foreign and classic films, student projects, and rebroadcasts of commercial (usually news) programs. Earthshaking developments that the networks are carrying (space shuttle, assassinations) are routed to the lobby monitors. People interested in working MITV should contact the Student Cable Programming Group (9-030). Student cable (x3-TV36) broadcasts on channel 36.

MIT Cable TV also relays Boston TV channels 24 hours a day. By purchasing a cable converter and connecting it to a cable outlet, you can receive all the MIT channels and perfect reception of all stations marked with an * above. Converters are available from the MIT Cable TV office, 9-058. Of course, you don't need a converter box if your TV is cable-ready.

Newspapers

The two daily Boston newspapers are the **Boston Globe** and the **Boston Herald**. In addition, there are many good national papers available.

The **Globe** is a liberal, Democratic newspaper. It is a local newspaper once trying to become a national one until it was bought by the New York Times, but it has a great sports section and great comics, and the "Calendar" section (on Thursdays) has a fairly complete schedule of events and things to do around Boston.

The **Herald** is fond of banner headlines, and tends toward sensationalism. If all you care for is sports, turn to the **Herald**.

The **Boston Phoenix** is a local example of the "alternative" press. It regularly publishes "muck-raking" articles about world, national, and local affairs. Reviews of entertainment products and programs, complete listings of the week's events, and some incredible classified ads are also featured. It has excellent listings of events about Boston.

The **Cambridge Chronicle** and other smaller weekly publications such as the **Tab** are oriented toward local communities. There are some foreign-language weeklies for minority groups in Boston.

Many living groups subscribe to out-of-town newspapers as well as locals. The **New York Times** and The **Wall Street Journal** are favored since they arrive on the issue date. The **Washington Post** arrives a day late. The **Out of Town News Agency** in Harvard Square carries a wide selection of national and international papers, as well as magazines.

USA Today is a national newspaper full of pretty color pictures and charts aimed at people with the attention span of sixth graders. The sports section is not bad.

Finally, several political groups have weekly papers which they are continuously hawking. These are often quite biased and polemical but make interesting reading

and occasionally break stories before the regular newspapers do. They sometimes ask for a donation, occasionally in an intimidating manner. The best response is often to give the paper back.

On-Campus Newspapers

There is one main student newspaper published at MIT. The **Tech** (W20-483, x3-1541) has news, sports, community, and arts reviews, and is distributed on campus Tuesdays and Fridays during the school year. It celebrated a century of continuous news service in 1981. *The Tech Index*, a microform topic and person index of articles that have appeared in The **Tech**, is available, along with microforms of the newspaper, for use by the MIT community. Call the Tech's office for details.

The Thistle (W20-450, x3-1521) is a fortnightly newspaper which serves MIT and the surrounding community. First published in June 1987, the Thistle provides campus, local, national, and world news as well as opinion and art by students and community members. Unlike most newspapers, the Thistle operates as a collective. There are no editors in chief. All decisions are made by the group and everyone has equal say. This fall they will be featuring columns on literature, health care, gay culture, the labor beat, and the alternative music scene.

Both these papers are given out free on campus and will accept letters, articles, and advertising.

Tech Talk (5-111, x3-2701), the MIT house organ, is distributed free on campus every Wednesday. It includes a calendar of the week's events, a listing of seminars, feature articles, classified ads, and a listing of available MIT jobs. Ads are accepted from the entire MIT community. Articles of general interest are sometimes accepted.

Other Publications

The MIT student journal of arts and letters, **Rune**, comes out once each year in May. It is sold in Lobby 10 around the last week of classes in the spring and again in the fall. Submissions can be emailed to rune@athena.

The yearbook, **Technique** (W20-451, x3-2980), is published each spring. It costs less if you buy it in advance.

Voodoo is a humor magazine published sporadically.

THAI'S RESTAURANT
 "A TASTE OF THAILAND IN CAMBRIDGE"
 ONE KENDALL SQUARE, CAMBRIDGE
 577-7850

198 Colleges Around Boston

Colleges Around Boston

There are more than a quarter million students in the Boston area, 100,000 male and 150,000 female. The following list provides terse coverage of local schools. Wellesley College has a special relationship with MIT, and is discussed in greater detail at the end of the section.

The following schools, listed with their information numbers, are also nearby and may be of interest.

Babson College, Wellesley	235-1200
Bentley College, Waltham	891-2000
Berklee College of Music, Boston	266-1400
Boston Architectural Center, Boston	536-3170
Boston Conservatory of Music, Boston	536-6340
Burdett School, Boston	267-7435
Chamberlayne Junior College, Boston	536-4500
Curry College, Milton	333-0500
Deaconness School of Nursing, Boston	732-8343
Eastern Nazarene College, Boston	773-6350
Fisher Junior College, Boston	262-3240
Katherine Gibbs School, Boston	262-2250
Lasell Junior College for Women, Newton	243-2000
Massachusetts College of Art, Boston	731-2340
Massachusetts College of Pharmacy, Boston	732-2800
Mount Holyoke College, Amherst Valley	413-538-2000
Mt. Ida College, Newton	969-7000
New England Conservatory of Music, Boston	262-1200
Pine Manor College, Chestnut Hill	731-7000
Regis College, Weston	893-1820
Salem State College, Salem	745-0550
Stone Hill College, Easton	508-238-1081
Suffolk University, Boston	723-4700
Wentworth Institute of Technology, Roxbury	442-9010
Wheelock College, Boston	734-5200

Amherst College

1200 undergraduate men, 1300 undergraduate women) Located in the famous Connecticut River Valley, Amherst College is known for its fine academic programs, mostly in the liberal arts. 95% of students live on campus. (413-542-2000).

Boston College

(13,000 students) Located at Chestnut Hill near Newton, Boston College is a large Catholic university and 24% of the undergraduates live on campus. (969-0100).

Boston State College

(11,000 students) A state teachers' college with no residential facilities (625 Huntington Ave., Boston).

Boston University

(25,000 students) Boston University's campus extends along the Back Bay, across the Charles River from MIT. It offers both graduate and undergraduate courses in all fields, and draws students from across the nation and around the world. It is a private institution with Methodist ancestry. 50% of the students live on campus, and most of the rest are scattered throughout Boston, Brookline, and Cambridge. A cross registration program exists between BU and MIT. (353-2000)

Brandeis University

(3500 undergraduates) Brandeis is located in Waltham and offers both graduate and undergraduate liberal arts courses. 75% of the students live on campus and most of the rest live in either Waltham or Cambridge. Brandeis has a very large Jewish student population. It is located at the end of the #70 Bus line from Central Square (674-2000).

Emerson College

(1600 undergraduates) Emerson College is located on Beacon Street between Arlington and Clarendon Streets. It is a specialized, private school concentrating in communication (speech, drama, mass communication, education). Freshmen and sophomores (45% of the student body) live on campus (262-2010).

Emmanuel College

(700 undergraduates) Emmanuel is a Catholic liberal arts college. 60% of the students live on campus (400 The Fenway, Boston, 277-9340).

Harvard University

(21,000 students) Probably the most renowned university in Harvard Square. Harvard offers graduate and undergraduate education in virtually every field. The student body comes from all over the world. **Radcliffe College** is the women's division of Harvard, sharing all classes, dorms, and activities. Harvard is located 2 miles up Mass. Ave. from MIT, and most students live on or near the campus. Maps of Harvard are available at the Information Center. (495-1000)

Lesley College

(1400 women students) Lesley is a private teachers' college located right behind Harvard Law School. Eighty percent of the women live on campus. (868-9600).

Massachusetts Institute of Technology

(10000 students) A small technical school, located in Cambridge along the banks of the Charles River. Graduate and undergraduate education polarized around science and technology. Said to have the largest percentage of foreign students (18%) in the country (253-1000).

Northeastern University

(40,000 students) The largest coeducational private university in the country, Northeastern offers the usual range of courses. 46% of students live on campus (437-2000).

200 Colleges Around Boston

Simmons College

(2300 women students) Simmons is a compromise between a liberal arts and a professional school, and specializes in the sciences. Eighty percent of the undergraduates live on campus. The school is convenient to Kenmore Square and the Gardner and Fine Arts museums (738-2000).

Smith College

(2500 undergraduate women) Liberal arts specialization. Located in Amherst Valley. 95% of students live on campus. Known for outgoing student body (413-584-2700).

Tufts University

(6500 students) Tufts University is located on Walnut Hill in Medford and maintains a medical and dental school on Harrison Ave. in Boston. It is a private institution offering the usual range of curricula. 92% of the undergraduates live on campus. **Jackson College** is the women's coordinate of Tufts. MIT has a cross-registration program with Tufts. You can travel by bus from Harvard Sq. or Lechmere (628-5000).

University of Massachusetts, Boston Campus

(7000 students) This state college offers a liberal arts undergraduate program. No residential facilities (929-7000).

Wellesley

Wellesley College is about fifteen miles from MIT, straight out the Mass. Pike., a small (2,500) women's liberal arts school. After spending time by the Charles, it is very refreshing to see grass, trees, hills, a lake, and the silence that comes from having much space between you and the nearest car. (OK; you can't actually see the silence, but it's there nonetheless.) There's a large bell tower that can be climbed on weekdays - see the Information Bureau, Green Hall, at Wellesley - from which a wonderful view of the countryside and the Boston skyline can be seen.

There are other attractions as well.

Wellesley is officially linked with MIT by the MIT-Wellesley cross-registration program, so that classes and athletic programs are open to MIT students. There are other ways to get involved in Wellesley activities but you have to be enterprising: they usually aren't well publicized here. There are opportunities to live on the campus for a term (or sometimes a year) along with other exchange students, mostly from MIT. Check with the Exchange Office at either school for more information. Beware: if you are a man you will be called a co-ed!

Getting There Although it is 15 miles from Cambridge, Wellesley is not hard to reach. A free bus service is part of the cross-registration program, and runs approximately once an hour, Monday through Friday. Bus schedules are available in 7-108, the MIT Exchange Office (x3-1668). In addition, there is a bus sponsored by the Wellesley Senate that runs on Friday nights and all day Saturday and Sunday. Schedules and tickets are available at Schneider Center at Wellesley (\$1.50 each) and at the 24-Hour Coffeehouse at MIT. If you have to resort to the MBTA, the Green Line goes to Woodland, the nearest T-stop to Wellesley, with a

\$10.00 taxi ride from Woodland to Wellesley.

Lake Waban There is a fairly large lake on the campus. Popular activities include walking along the perimeter, swimming, and boating. In late spring and early fall there is a lifeguard on duty at the beach by the boathouse. There are also canoes, sailboats, and windsurfing boards for free rental. A Wellesley Small Craft Permit, MIT sailing card, or an equivalent (like a WSI certificate) are needed to rent the boats; canoes are available with a Wellesley or MIT Swimming Certificate. Call the boathouse (MIT x187-2025) for more information.

Green Growing Things Wellesley is full of real green vegetation -- it is certainly a refreshing sight. Especially in early spring and late fall the campus is full of flowering trees and multi-colored foliage. There is an extensive Arboretum and Botanical Garden, which includes a spring, winding stream, and Paramecium pond, plus all kinds of labeled exotic trees and shrubs, and lots of flowers.

Whitin Observatory The Observatory is located on a hill behind the Science Center. It is equipped with 6", 12", and 24" telescopes, as well as an astronomy library. For use of the facilities call the Observatory at x187-2726.

Jewett Arts Center Jewett, which forms one side of the Academic Quad, houses the Arts and Music Departments. In the Art building are studios, study rooms, the Art Library, and a sculpture court on the second floor. The Music building has practice and listening rooms, the Music Library, and Jewett Auditorium. Connecting the two halves is the Wellesley College Museum. Admission is free and exhibits change every month or two. Call the Art Office (x187-2043) for more information.

Music For those interested in singing, there are several opportunities for MIT women and men. The Wellesley College Choir and the more selective Toons are open to women who want to try out, and the Toons is also open to MIT men. There are other groups on campus, most notably the Wellesley Widows and the Tupelos, both of which sing *a capella* and give a variety of performances. The Music Office (x187-2077) is the place to call for more information and to find out whom to get in touch with if you want to try out for any of the groups. Also, black women who are interested in singing can find out about Wellesley's Ethos Choir by contacting the Black Students' Association in Harambee House (x187-2133).

If you are interested in chamber music, call x187-2077 for information about the Chamber Music Society. Additionally, the Carillon Guild on campus is always interested in students who want to learn how to play the carillon in the Great Tower above Green Hall. Call the Music Office for more information.

Theater Performances are put on by Shakespeare House, and by the Wellesley College Theater in Alumnae Hall. Call Nora Hussey, the head of the Theater Department, at x187-2029 for more information.

Radio WZLY (640 AM) is Wellesley's all-student radio station, located in Schneider Center. Those interested in broadcasting or working there should call the station for details. Shows are usually two hours long, and the subject is up to

202 Colleges Around Boston

the broadcaster (subject to approval).

Schneider One of the oldest and most interesting buildings on Wellesley's campus, Billings Hall has been expanded and renovated and now fronts Schneider College Center. It is the main stop for the MIT-Wellesley Exchange Bus and contains study areas, lounges, meeting rooms, "Cafe Hoop" (a small coffee house), the InfoBox, a candy shop, and a convenience store. It also has a snack bar with grill and limited deli and various student and College organizations. There are live bands every Thursday night, and often on Saturdays.

Near Schneider is Harambee House, a social and cultural center for Black students. Contact Wynn Holme (x187-2133) for more information. Also, near Schneider are TZE and ZA, the pseudo-sororities nominally devoted to the Arts, but infamous for their parties.

General Information For further information on almost anything at Wellesley, including students' telephone numbers and information on activities and events, call the student-staffed InfoBox at x187-2670. You can also call the Info Bureau at x187-2387, open Monday to Friday, 9 to 4:30, on the second floor of Green Hall.

MIT History

I doubt not that such a nucleus-school would, with the growth of this active and knowledge seeking community, finally expand into a great institution comprehending the whole field of physical science and the arts with the auxiliary branches of mathematics and modern languages...

---William Barton Rogers, 1846

In 1835 William Barton Rogers was elected to the professorship of Natural Philosophy at the University of Virginia, a chair founded by Thomas Jefferson only ten years earlier. Rogers, a graduate of William and Mary College, was intensely involved in the emerging science of geology, although he had an enduring interest in all scientific subjects.

During Rogers' eighteen years at the University of Virginia, he became increasingly troubled by bigotry, anti-intellectualism, and sporadic support from the state. In 1845, Rogers, then chairman of the Faculty, was shaken by severe rioting and a decision to close the school for a week.

He went on a geological expedition to New England, as well as to meetings in Boston of the Association of American Geologists and Naturalists (later the American Association for the Advancement of Science). He wrote of the "contrast between the region in which I live and the highly cultivated nature and society of glorious New England." Dr. Rogers felt that in the advanced intellectual and industrial climate of Boston a new type of education could be fostered. He left Virginia in 1853 to move to Massachusetts. His dreams finally achieved substance when, on April 10, 1861, the governor of the Commonwealth of Massachusetts signed the act to incorporate the Massachusetts Institute of Technology. Four days later Fort Sumter was attacked (the two events were probably not related). Although the Civil War impeded Rogers' plan, construction of MIT's first building began in 1863, in a landfill area of the Back Bay, in the estuary of the Charles River.

On February 20, 1865, the first class of fifteen students finally entered. President Rogers taught Physics, as part of a six-man faculty. These first years proved a tribulation on Rogers' health, and in 1868 he had a slight stroke. John D. Runkle was appointed Acting President, and in 1870, succeeded him. Runkle's presidency saw the gradual development of MIT into "Boston Tech". Fiscal problems still plagued the struggling Institute, and at one time MIT came perilously close to becoming part of Harvard. Harvard's President Eliot developed a plan to merge the two schools, but was resisted by Runkle and the MIT Corporation. Problems with money continued, however, and in 1873 tuition was doubled (to \$200!). President Runkle resigned in 1878, and taught mathematics until 1902.

Following John Runkle, Brigadier General Francis A. Walker became president in 1881. In 1882, he asked William Rogers, then rather old and frail, to award diplomas at the May graduation exercises. Dr. Rogers' health was still poor, and

this final tax on his strength proved too much; he collapsed on the podium and died.

MIT continued to grow during the latter part of the nineteenth century, and by 1900 there were 1277 students. In 1906 it became apparent that MIT was fast outgrowing its Copley Square lodgings, despite the addition of several new buildings. A site committee was formed to search for "Technology's new home." Plans ranged from a golf course in Allston to building an island in Charles River, until the current site in Cambridge was settled upon. Excavations for the buildings began in September 1913, and the first of 25,000 piles were driven into Cambridge soil on December fourth of that year.

A neo-classical motif was chosen by designer William Welles Bosworth '89 who could hardly contain himself with his plans for "a great white city of majestic proportions that will fitly express the noble ideas of its purpose and the dignity of its work." The central feature of the new complex was the Great Dome, towering 147 feet above street level. Five thousand tons of steel and fifty thousand cubic yards of concrete later, the new Technology was complete.

During its first 60 years, MIT's curriculum was based almost exclusively on architecture and engineering. In 1930 President Karl T. Compton undertook to strengthen the position of science at MIT and to encourage the growth of the graduate school. During the next decade there was a steady increase in both graduate work and research. World War II brought a rapid expansion of research programs and the establishment of the Radiation Laboratory, a major center for American development of radar. For the national interest during the war the Institute assumed management of major research enterprises such as the Instrumentation Laboratory. These programs fostered a close working cooperation between the Government and the Institute, paving the way for the development of such facilities as the Research Laboratory of Electronics and the Laboratory for Nuclear Science.

When the war ended, MIT continued to hold a central position in education and research pertinent to the fastest-growing areas of American economy. To its traditional curricula in architecture, engineering and science, the Institute has since added programs in management, economics, political science, psychology, industrial relations and linguistics. Its four-year humanities program for engineering undergraduates is unusual in engineering education, and its four-year double major in the humanities and science or engineering is unique among American universities. MIT's research programs in the social sciences include the Center for International Studies, and there is a close cooperation with Harvard University in the operation of the Joint Center for Urban Studies, and the new Biomedical Engineering Program.

Shortly after World War II, enrollment at MIT reached 5000 and continued to increase. Today, the MIT campus covers more than 128 acres extending for more than a mile along the Charles River. MIT is a community of more than 16,000 people, including more than 7500 students, 1000 faculty members and full-time teaching staff, 2000 members of the professional research and administrative staff

and 5000 supervisory, clerical, technical, and service employees.

The Institute's departments operate more than 70 laboratories on the campus, among them a growing number of interdepartmental laboratories where students and staff from different fields work on problems of mutual interest. The Lincoln Laboratory in Lexington is operated for the Government as a center for defense-related research in electronics and communications. The Charles Stark Draper Laboratory (once part of MIT) in Cambridge is devoted to the development of flight control and navigation equipment; the nearby Bitter National Magnet Laboratory provides the world's strongest continuous magnetic fields for research on magnetism and basic properties of materials.

MIT was among the first universities to establish programs of study in applied physics, meteorology, food technology, naval architecture, and marine engineering, and electrical, aeronautical, and sanitary engineering. The Institute was a leader in developing the modern profession of chemical engineering, and the nation's first degree in architecture was given here.

Books on the History of MIT

Many of these are available at the Coop and the MIT Museum Shop.

M.I.T. in Perspective, by Francis E. Wylie, Little, Brown & Co., Boston, 1975. A glossy coffee-table account of MIT and its progeny; not comprehensive, but interesting, with lots of pretty pictures.

The Life and Letters of William Barton Rogers is a book in two volumes edited by his wife with the assistance of William T. Sedgwick. Houghton-Mifflin Company, Boston and New York, 1896. The definitive biography of MIT's founder.

Richard Cockburn MacLaurin, by Henry Greenleaf Pearson, a biography of MIT's sixth president. MacMillan Company, New York, 1937.

Technology's War Record is an interpretation of the contribution made by MIT, its staff, former students, and undergraduates to the cause of the Allies in World War I. Published by the War Records Committee of the MIT Alumni Association, 1920.

Q.E.D.: MIT in World War II, by John E. Burchard. The Technology Press, 1948.

Mid-Century: The Social Implications of Scientific Progress, by John E. Burchard. The Technology Press and John Wiley & Sons, Inc., New York, 1950. A verbatim account of MIT's great *Mid-Century Convocation*, March 31, and April 1--2, 1949.

When MIT Was Boston Tech, by C. Samuel Prescott. The Technology Press, Cambridge, 1954. A history of MIT from its founding in 1861 through its move to Cambridge in 1916.

Scientists Against Time, by James Phinney Baxter III. MIT Press, 1968. An account of the scientific developments of World War II, with a large section on the activities of the Radiation Labs.

Pieces of the Action, by Vannevar Bush. An account of the author's experiences with regard to several technological advances, including basic work leading to the development of the computer. This book is not really about MIT, but it does reflect

the activities of one of the Institute's leading figures.

For more information on MIT's history, contact the MIT Museum (x3-4444).

Books on the history of MIT

Many of these are available at the Coop and the MIT Museum Shop. In an effort to provide a more complete history of MIT, the MIT Museum Shop has published a series of books. The first book in the series is *MIT: A History* by John S. Allen, Jr. and John S. Allen, Jr. This book is a comprehensive history of MIT from its founding in 1861 to the present. It is a must-read for anyone interested in the history of MIT. The second book in the series is *MIT: A History of the Institute* by John S. Allen, Jr. and John S. Allen, Jr. This book is a comprehensive history of MIT from its founding in 1861 to the present. It is a must-read for anyone interested in the history of MIT. The third book in the series is *MIT: A History of the Institute* by John S. Allen, Jr. and John S. Allen, Jr. This book is a comprehensive history of MIT from its founding in 1861 to the present. It is a must-read for anyone interested in the history of MIT.

MIT Songs (and Such)

The Engineers' Drinking Song (Lady Godiva)

Words by many many people. Compose some yourself.

Godiva was a lady who through Coventry did ride
To show to the royal villagers her fair and pure white hide.
The most observant man of all, an engineer of course,
Was the only man who noticed that Godiva rode a horse.

CHORUS:

We are, we are, we are, we are, we are the engineers.
We can, we can, we can, we can demolish forty beers.
Drink rum, drink rum, drink rum all day and come along with us.
For we don't give a damn for any old man who don't give a damn for us!

She said "I've come a long, long way, and I shall go as far
With the man who takes me from this horse and leads me to a bar."
The men who took her from her steed and lead her to her beer
Were a bleary eyed surveyor and a drunken engineer.

(chorus)

My father was a miner from the Northern Malamute,
My mother was a mistress in a house of ill repute.
The last time that I saw them, these words rang in my ears,
"GO TO MIT YOU SON OF A BITCH AND JOIN THE ENGINEERS!!!"

(chorus)

Princeton's run by Wellesley, Wellesley's run by Yale
Yale is run by Vassar, and Vassar's run by tail
Harvard's run by stiff pricks, the kind you raise by hand.
But MIT's run by engineers, the finest in the land.

(chorus)

MIT was MIT when Harvard was a pup.
And MIT will be MIT when Harvard's time is up.
And any Harvard son of a bitch who thinks he's in our class
Can pucker up his rosy lips and kiss the beaver's ass.

(chorus)

An artsman and an Engineer once found a gallon can,
Said the artsman "Match me drink for drink, let's see if you're a man."
They drank three drinks, the artsman falls, his face was turning green,
But the Engineer drank on and said "It's only gasoline."

(chorus)

The Army and the Navy went out to have some fun.
They went down to the taverns where the fiery liquors run.

208 MIT Songs

But all they found were empties, for the engineers had come,
And traded all their instruments for gallon kegs of rum.

(chorus)

Venus was a statue made entirely of stone.

Without a stitch upon her, she was naked as a bone.

On seeing that she had no clothes, an engineer discoursed:

"Why the damn thing's only concrete, and should be reinforced!"

(chorus)

Rapunzel let her hair down for two suitors down below,

So one of them could grab a hold and give the old heave-ho.

The Prince began to climb at once, but soon came out the worst,

For the Engineer rode the elevator and reached Rapunzel first.

(chorus)

Caesar set out for Egypt at the age of fifty three,

But Cleopatra's blood was warm, her heart was young and free.

And every night when Julius said goodnight at three o'clock,

There was a Roman engineer waiting just around the block!

(chorus)

An engineer once staggered in though the Roderick Gate,

He was carrying a load you would expect to ship by freight.

The only thing that kept him upright and on his course,

Were the boundary conditions and the coriolis force.

(chorus)

Ace Towing roams the streets of Cambridge each and every night,

They tow cars and stow cars and hide them out of sight;

They tried to tow Godiva's horse, the Engineers said "Hey!"

Then towed away their towing truck, and now the Ace must pay!

(chorus)

Sir Francis Drake and all his ships set out for Calais Bay.

They'd heard the Spanish rum fleet was headed on their way.

But the engineers had beat them by a night and a half a day

And though as drunk as ptarmigans, you still could hear them say:

(chorus)

A maiden and an engineer were sitting in the park,

The engineer was working on some research after dark.

His scientific method was a marvel to observe ---

While his right hand wrote the figures, his left hand traced the curves.

(chorus)

My father peddles opium, my mother's on the dole.

HowToGAMIT XXVII

My sister used to walk the streets, but now she's on parole.
 My brother runs a restaurant with a bedroom in the rear.
 But they don't even speak to me 'cause I'm an engineer.}

Arise Ye Sons of MIT

Music and lyrics by John B. Wilbur '26 (The closest thing MIT has to an old alma mater.)

Arise all ye sons of MIT, in loyal brotherhood.
 The future beckons unto ye and life is full and good.
 Arise and raise your steins on high; tonight shall ever be
 A mem'ry that will never die, ye sons of MIT.

Once more thy sons, oh MIT, return from far and wide
 And gather here once more to be renourished by thy side,
 And as we raise our steins on high to pledge our love for thee
 We join thy sons of days gone by in praise of MIT.

Oh loyal sons of MIT, when clouds of war burn red,
 In foreign land on distant sea, your battle line is spread,
 To you we raise our steins on high wherever you may be
 And join you voices from the sky, ye sons of MIT.}

Arise All Ye of MIT

(The closest thing MIT has to a new alma mater.)

Arise all ye of MIT, in loyal fellowship.
 The future beckons unto ye and life is full and good.
 Arise and raise your glass on high; tonight shall ever be
 A mem'ry that will never die, for ye of MIT.

Thy sons and daughters, oh MIT, return from far and wide
 And gather here once more to be renourished by thy side,
 And as we raise our glasses on high to pledge our love for thee
 We join all those of days gone by in praise of MIT.}

Take Me Back to Tech

I wish that I were back again at Tech on Boylston Street,
 Dressed in my dinky uniform so dapper and so neat.
 I'm crazy after calculus, I never had enough;
 It's hard to be dragged away so young,
 It was horribly awfully tough!

Hurrah for Technology, 'ology 'ology oh,
 Glorious old Technology, 'ology 'ology oh!

Back in the days that were free from care in the 'ology varsity shop,
 With nothing to do but analyze air in an anemometrical top.
 The differentiation of the trigonometric pow'rs
 The constant pi that made me sigh in those happy days of ours.

Hurrah for Technology, 'ology 'ology oh,

210 MIT Songs

Glorious old Technology, 'ology 'ology oh!

Take me back on a special train to that glorious institute,
I yearn for the inspiration of a technological toot.
I'd shun the quizzical physical profs the chapel and all that,
But how I'd love to go again on a scientific bat.

Hurrah for Technology, 'ology 'ology oh,
Glorious old Technology, 'ology 'ology oh!

M-A-S-S-A-C-H-U-S-E-T-T-S

(and)

I-N-S-T-I-T-U-T-E-O-F-T-E

(but)

C-H-N-O-L-O-G and Y comes after G

(and what does that spell?)

The Massachusetts Institute of Technology!

Hey!

The Ballad of 5.60

(To the tune of "The Battle Hymn of the Republic")

Free energy and entropy were whirling in his brain
With partial differentials and greek letters in their train
While delta, sigma, gamma, theta, epsilon and pi
($\Delta\Sigma\Theta\epsilon\Pi$)

Were driving him distracted as they danced before his eye.

Glory, glory dear old thermo

Glory, glory dear old thermo

Glory, glory dear old thermo,

We'll pass you by and by.

Heat, Content, and fugacity revolved within his brain
Like molecules and atoms that you never have to name.
And logarithmic functions doing cakewalks in his dreams,
And partial molar quantities devouring chocolate creams.

They asked him on the final if a mole of any gas
In a vessel with a membrane through which Hydrogen could pass
Were compressed to half its volume what the entropy would be
If two-thirds delta-sigma equalled half of delta-P.
($2/3 \Delta\Sigma = 1/2 \Delta P$)

He said he guessed the entropy would have to equal four
Unless the second law should bring it up a couple more
But then, it might be seven if the Carnot law applied,
Or it might be almost zero if the delta-T should slide.

The professor read his paper with a corrugated brow.
For he knew he'd have to grade it and he didn't quite know how
'Til an inspiration in his cerebellum suddenly smote,

HowToGAMIT XXVII

And he seized his trusty fountain pen and this is what he wrote:

Just as you have guessed the entropy, I'll have to guess your grade,
But the second law won't raise it to the mark you might have made.
For it might have been a 100 if your guesses all were good,
But I think it must be zero 'til they're rightly understood.

Glory, glory dear old thermo
 Glory, glory dear old thermo
 Glory, glory dear old thermo,
 We'll try again next term.

M.I.T.

(To the tune of "Let It Be")

When I find myself in times of trouble,
Charles Vest comes to me,
Speaking words of wisdom: MIT.
And now I find I'm losing
What's remaining of my sanity.
I'm told that that's expected: MIT
MIT, MIT, what have you done to me?
I think that I'm OD'ing; too much technology.

And even though the night is cloudy
There's a light that shines on me.
It must be a laser: MIT.
And if the light proves dangerous
I'll go to the infirmary
Provided it is open: MIT.
MIT, MIT, computer running free
Athena's at the stem of everything I see.

I wake up to the sound of lectures
Some professor's telling me
 $du/dh=BS - du(dt)$.

Although the course seems difficult
The catalogue says it's elementary
Everything's so simple: MIT.
MIT, MIT, you weren't true to me.
You promised me an education, and gave me misery.

And when I'm doing a problem set
I find they're all too hard for me.
There will be an answer: MIT.
I'll go and threaten the tool next door
And he will do them all for me.
Cheating is so simple: MIT.
MIT, MIT, I'm as desperate as can be.

212 MIT Songs

If a B's a bit too much I'll settle for a C.

I gaze at the towering building
And emotion sweeps all over me,
Standing on the campus: MIT.
How many times I've thought of jumping
From the buildings that I see.
That is not the answer: MIT.
MIT, MIT, you don't agree with me.
A dome is not a home: MIT.}

Tech Cheers

Some more clever than others.

E to the U du dx!

E to the U du dx, E to the X dx!
Cosine! Secant! Tangent! Sine!
3 point 1 4 1 5 9!
Integral, radical μ dv
Slipstick, slide rule, M.I.T.!

WE ARE HAPPY - TECH IS HELL
T-E-C-H-N-O-L
O-G-Y!

M.I.T. RAH! RAH! RAH!
M.I.T. RAH! RAH! RAH!
M.I.T. RAH! RAH! RAH!
Technology! Technology! Technology!

MIT Commandments

I am Athena thy Goddess

Thou shalt not have false gods before me.

- ox1 - Thou shalt not take the name of OLC in vain
- ox2 - Thou shalt not eat at Lobdell
- ox3 - Thou shalt keep holy the hour of Star Trek
- ox4 - Honor thy professors, for they are the source of grades
- ox5 - Thou shalt not decrease entropy
- ox6 - Thou shalt not connect PWR to GND
- ox7 - Thou shalt not sex toads
- ox8 - Thou shalt not exceed the speed of light
- ox9 - Keep holy the month of IAP for it is a time of rest
- oxA - IHTFP
- oxB - Thou shalt not sleep
- oxC - Thou shalt consume caffeine
- oxD - Thou shalt not take pass/fail in vain
- oxE - Thou shalt not covet thy neighbor's HP
- oxF - Thou shalt not divide by zero

Hacking

Roof and tunnel hackers specialize in knowing how to get around MIT. They take great pride in knowing where the most interesting nooks and crannies of the Institute can be found and how to get to classic hacking spots such as the top of the Great Dome. It's fun to find your way into a rumored hacking location such as the bricked-in shower or the Tomb of the Unknown Ladder, or, better yet, to be the first to discover a particular "tomb" (an interesting, out-of-the-way, unused spot), but the greatest challenge is to do so without leaving a trace of your actions.

Another side to hacking is what is known as "pulling a hack". A hack, in this sense, differs from ordinary college pranks in that emphasis is placed on cleverness, timeliness, the ability to overcome technical obstacles, and avoiding damage to the object being hacked. Some of the best known hacks in recent years have been the Mass. Toolpike, in which the Infinite Corridor was transformed into a highway, complete with road signs, a rotary, and a car parked in Lobby 10 (the car was given a ticket by a dutiful Campus Police officer), a working phone booth that was put on the Great Dome, and the famed "Die Hack," in which Random Hall turned an enormous cubical metallic sculpture hanging in Lobby 7 into a large playing die. It's a challenge to make your hack difficult for Physical Plant workers to remove (therefore ensuring its longevity), but, in the same vein, it is considered classy to remove your own hack after a suitable length of time.

Hacking has long been an MIT tradition, with a strong emphasis on ethics and ingenuity. You can learn more about hacks by visiting the MIT Museum and asking to see the folders on student pranks in the student activities file. They have several inches of photos and newspaper clippings dating back to 1910, and they welcome any information about current hacks. They hold a talk and slide show every IAP, and have published an excellent picture history of hacks. The book, by MIT hackologist Brian Leibowitz, is called *The Journal of the Institute of Hacks, TomFoolery, and Pranks*.

Exploring dates back for many years. The oldest known piece of graffiti is from a plumber on the fourth floor of Building 10, dated 1915, found in 1985 by hackers known as Heretic and Circumscribed Triangle. Various groups offer tours during R/O week for interested freshmen, the most notable of which are the Orange Tours, run by East Campus, and the Spelunkers' Tours, run by the Caving Club.

Hacking seemed to nearly die out for a time, but it's now making a comeback. Update this -- these things change from time to time. Does Coffeehouse still exist this year? It does in 1991. The 1989-1990 school year saw a number of hacks, an increase in exploring, increased communications among hackers, and the restart of the "Coffeehouse Club" --- an informal group that meets regularly to go exploring, meeting at the 24-hour Coffeehouse. In 1990-1991 the trend continued, with President Vest's arrival providing the inspiration for a number of hacks. If you ask around, you should be able to find out more details.

Hacking Groups

The recent resurgence of hacking appears to not be accompanied by the rebirth of hacking groups. The Caving Club does little hacking during the term, and no other hacking groups that are not associated with living groups have been heard from in quite some time. Again, this needs yearly updates.

Delta Kappa Epsilon DKE is famous for the balloon hack at the November 1982 Harvard-Yale football game. That hack received more publicity than any other hack in the history of MIT. See *Technique '83* for details. DKE has tried to hack the game before, most memorably in the late 1940s when they buried explosive cord in a pattern that would spell out "MIT". Unfortunately, Harvard discovered the hack and set up a trap. They arrested several students wearing coats lined with batteries. A dean, who had been informed about the hack after the arrest, went down to bail the students out. He pointed out to the detective that the battery-lined coats were only circumstantial evidence. At this point the dean opened his own battery-lined coat and declared "all Tech men carry batteries."

Jack Florey Jack Florey's, Ye Ole. No. 5 East, Roof and Tunnel Hackers is based just under the roof of East Campus's east parallel. Jack is best known for running the Orange tours during Rush week. (If you need to find your way to Baker House, Jack is the person to ask.) Jack's strength has generally been exploration. While his numbers have waned from time to time, Jack remains a prominent figure in the hacking community.

James Tetazoo The Third East Traveling Animal Zoo is based in East Campus. They were probably the best hackers during the late seventies, and continue to amuse East Campus residents and the Institute with their antics. During the dedication of building 66 (the triangular Chemistry building), they lowered an anchor over the bow, dropped a banner christening the "USS Tetazoo," broke a bottle of champagne across the point, and blasted "Anchors Aweigh" on their stereos. In exploring they were the first group to sign in under the steps of 77 Massachusetts Avenue. The first week the Arts and Media Technology building (E15) opened, James Tetazoo's *Sans Knife* appeared overnight to rave reviews. It was a commons tray with plate, tumbler, and utensils except for a knife.

Larry West Conglomerated around the 41st floor of the western front of East Campus, Larry manages to involve himself in much hacking around the institute. Archnemesis to James Tetazoo and self-appointed champion of Elvis and φρεδ, Larry is an instigator and participant in much mischief around the Institute.

Blue Goose, Incorporated (defunct) Blue Goose was founded in 1978 at Nu Delta. They were well known as expert explorers, and their name can be found in many of the more obscure nooks and crannies of the Institute.

Order of the Random Knights ORK is a small tightly knit hacking group based in Random Hall. They are mainly an exploring group and are best known for discovering one of the missing half stories in Building Ten. ORK's most famous hack was the die hack mentioned earlier. Although they have been quiet in recent years, they appear to be making a comeback.

Caving Club This is an official student activity and thus the easiest to get in

touch with (see the Student Directory). During R/O week they run tours that complement the official Institute tours. Tours are also given after meetings and occasionally at other times, although the main emphasis of the club in recent years has centered on trips to horizontal and vertical caves in New York and West Virginia. Because they are official, their on-campus exploring is conservative.

Technology Hackers Association (defunct) Reputed to have once been the largest group on campus, THA pulled off several widely known hacks requiring lots of manpower such as the Massachusetts Toolpike in 1985 and the Home on the Dome in 1986.

Hacking Tips

The following tips are based on a document by Keshlam the Seer, Knight of the Random Order.

Evasion and Escape The Eleventh Commandment: Don't get caught. Thou shalt honor it and keep it wholly. On the other hand, if you *are* caught, the least you can do is accept it with dignity, and have respect for your captor.

Always have two ways to run. If someone comes one way, you can go the other. If possible, run along a path that has many side branches. Your pursuer will pause to check them. Change floors often. Don't start running when someone spots you. Walk around a corner and *then* run. Remember that the person who sees you must first decide that you are doing something wrong, and running is an admission of guilt. "It's amazing what you can get away with if you don't look like you're getting away with anything."

It is usually better to talk to a Campus Police officer than to try to run away. If nothing else, ask questions like "Where's the nearest bathroom?" The proper blend of interest, respect, and a willingness to follow up on the things that are said can do wonders.

If you can become invisible, people give up hunting for you and go away. Keep track of hiding places that you can get into quickly and quietly. If someone is chasing you, don't hide unless you can convince them you kept running.

People are usually unaware of anything above them unless it moves or otherwise calls attention to itself. When hacking, remember to look up periodically.

Planning a hack When planning a hack, concentrate on the tools and materials. People are awfully good at figuring how to do something, but they have a hard time imitating a roll of tape. Some feel that the best way to get the manpower needed for a hack is to get several people involved in the planning stage, but it is wise to remember that too many cooks can spoil the soup.

Plan your deployment in excruciating detail, in order to keep the actual "critical time" during which you are actually putting the hack in position to a minimum. Anything that can be prepared ahead of time should be. The night before lasts, at most, eight hours, and no matter how careful your planning may have been, many of these will be consumed by unforeseen delays.

Exploring Try to account for all the space in a building. If a bump in one wall

does not line up with a dent on the other side, then there is a space that needs exploring.

Move as quietly as possible. If you can see or hear trouble before it hears you, then retracing your steps should bring you to safety. Trouble tends to come from behind. Walking past someone may arouse suspicion (especially if you're carrying something odd, like lots of rope), and by definition those people are behind you. Periodically check your back side. Enter and exit an area using different routes.

Write your sign-in in places that you are proud to have reached, include the date. This makes the order of re-discovery clear. Other hackers judge you by where they've seen your logo. Use it as a sign of approval and accomplishment.

Always carry a flashlight, but don't panic if you're without one. The human eye is very sensitive if you give it time to adjust. In an emergency use your digital watch to light the way.

General Advice

Brute force is the last refuge of the incompetent. Carrying master keys is extremely stupid and unnecessary. Things are not always as they appear. This is true of locks, doors, walls, and people.



10% STUDENT DISCOUNT

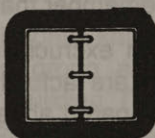
SCHOOL, OFFICE,
AND
COMPUTER SUPPLIES

UNIVERSITY
STATIONERY CO.

311 MASS. AVE, CAMBRIDGE

3 BLOCKS FROM M.I.T.

547-6650



Mwoh About Boston

Those of you unfamiliar with Boston may think that you are coming to just another American city which uses English as its native tongue. If so, you are due for something of a shock. So: as another of its continuing services, HowToGAMIT has persuaded a true native Bostonian to compile this

Guide to the Language of Boston
Together with Commentary
on the Strange Customs Thereof
with Pronunciation Guide
and a Glossary of Native Vocabulary

Introduction

The accent of Eastern New England is characterized as a "twang." This means that the speech is quick and clipped. Rumor has it that in northern Maine it's so clipped that it sometimes dies off into pure silence. This, however, is not a problem in Boston. A "twang" also means it has a tendency to be nasal. An example of a nasal sound in English is the "ng" at the end of "looking." Now try applying this to a vowel and you've almost got it.

Of course, not all New England accents are the same. People in western New England talk almost like the rest of the country, and many suburbanites are altogether too affected by the bland language of national TV. Proper Bostonians talk almost like Britishers, and Mainiacs have a delightful accent all their own.

It's only in Boston and nearby that one can hear the sweet dulcet tones of pure Bostonian English. While it may at first sound grating and harsh, even cacophonous to the inexperienced ear, you will soon grow to love it. [Editor's note: *Ha!*]

Specific Characteristics

The disappearing "R" This is the most distinctive aspect of Bostonese. The combination "or" is pronounced "awe." In extreme cases it is pronounced very nasally (approximately "woh") as in "Dorchester" (pronounced "Dwohchestah"). Note, however, that "or" and "er" at the end of a word are pronounced "ah." JFK talked about "vigah." No one in Boston thought that strange. The classic example is "I parked my card in Harvard Yard," pronounced "I pahked my cah in Hahvahd Yahd."

The reappearing "R" Having discarded so many r's, Bostonions must put them somewhere, and they often end up pronouncing the words ending in "a" as though they ended in "er". Hence "Cuber" (Cuba) and "bananer" (banana).

The mysterious extra syllable Many words which you think have one syllable appear to have two. This is even more common in Maine than in Boston. Example: "there" ("they-ah"), "door" ("doe-ah"), and "Revere" ("Re-ve-ah").

The broad "A" The words "calf," "half," and "laugh" rhyme and have the same "a" sound as in "father." This is known as a "broad A" and in extreme cases may appear in words like "glass" and "grass."

Localities

Boston - (Baw-ston), a city north of Quincy

Eastie - East Boston

Southie - South Boston

Quincy - (Quin-zee), a city south of Boston

Worcester - (Wus-tah), second largest city in Massachusetts (and New England)

(*Westawusta* - no man's land.)

Gloucester - (Glos-tah), a seaport north of Boston

Medford - (Meh-fuh), a city north of Boston

Revere - (Re-ve-ah), a city north of Boston

Peabody - (Pee-buh-dee, *not* Pee-bod-ee, *not* Pu-ber-ty), another city north of Boston

Down East - Maine

Cradle of Liberty - (1) Boston; (2) Faneuil (fan-yul) Hall

Athens of America - Boston

Hub of the Universe - Boston

Midwest - area around Worcester, Mass.

West - area around Springfield, Mass.

Edge of Civilization - The Connecticut River

Indian Country - land west of the Berkshire Hills

New York - (New Yawk), city, a suburb of Stamford, Connecticut

Ireland - (Island), lotsa Bostonians are from this country

Food

Tonic - generic term for "soft drinks" (also acceptable). "Soda" ("soder") is gradually filtering into usage from visitors. "Pop" is not used.

Frappe - what you think of as a milkshake.

Milkshake - milk and flavored syrup, shaken up. Contains no ice cream.

Hoodsie - a small ice cream in a paper cup

Jimmies - sprinkles for ice cream (not condoms!)

Steamed Clams - the world's best food.

Fried Clams - the world's biggest crime to the world's best food.

Clam Chowder - absolutely heavenly treat; contains no tomato.

Manhattan-Style Clam Chowder - tomato soup. Rumored to contain some clams, but this has never been substantiated.

Government

The Great and General Court - The official name of the legislature; what the legislature likes to call itself.

Those Crooks on Beacon Hill - What everyone else call the legislature.

Governor's Council - A popularly-elected group of nine wheeler-dealers who must approve appointments by the Governor. About 20 years ago they almost had a quorum in the state prison.

Town - Main unit of local government throughout New England. Every square inch of Massachusetts is part of some city or town. Counties have insignificant power.

Town Meeting - An assembly of voters in a town. It runs the local government and is presided over by a moderator.

Selectmen - A board of local magistrates (generally 3 to 5) who run the day-to-day affairs of the town, according to the instructions of the town meeting.

Commonwealth - What Massachusetts is. There are 46 states and four commonwealths (Ma., Pa., Va., and Ky.) in the United States.

Highway Terms

Motorist - someone granted a license to hunt pedestrians and bicyclists.

Pedestrian - a hazardous occupation.

Bicyclist - a suicidal occupation.

Crosswalk - strange paintings on some city streets, the significance of which is unknown to the natives.

Traffic Light - a signalling device for drivers; **red** means stop, **green** go, and **yellow** accelerate. **Red** and **yellow** together mean to stop in all directions - pedestrians crossing. Blinking **green** means to be prepared for the light to turn **red**.

Miscellaneous:

Harvard - (Hah-vahd), a small liberal arts college up the creek.

Blue Laws - laws left over from the Puritan days, which say that anything you want to do on Sundays, you can't. Recently repealed.

Yankee - (1) to a foreigner, an American; (2) to a Southerner, a Northerner; (3) to a Northerner, a New Englander; (4) to a New Englander, a Vermonter; (5) to a Vermonter, someone who eats apple pie for breakfast.

Common - a park in the center of a city or town. Generally has public buildings and churches clustered around it.

Bubbler - a water fountain.

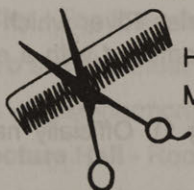
Barrel - a wastebasket.

Wicked - (adj.) very. Ex.: Kiss 108 is a *wicked* awesome radio station.

Wanna Go? - Do you want to fight?

A Whole Notha ... A totally different thing.

KENDALL BARBERS BARBER STYLIST



Haircutting for Men and Women

Monday thru Friday ~~9:00 to 5:00~~
9:00 5:00

(617) 876-1221

238 Main Street, Cambridge, MA 02142



Glossary

The following is a dictionary of MIT words, phrases, and acronyms. Terms commonly identified by either acronyms or names are listed here by acronym. Alphabetically, acronyms are listed before words.

AI - Artificial Intelligence.

All Tech Sing - An annual event that used to be held every spring during Spring Weekend.

Alumni Association President's Court - A nice place to sit, if you can find it.

Anal - uptight.

APO - Alpha Phi Omega, a national service fraternity (W20-415, x3-3788).

ASA - Association of Student Activities.

AWS - Association of Women Students.

armadillo - A small set of drawers common to a selected few dorms.

Athena - The MIT computer system.

Bathroom - Arts and Media Technology Building (E15, The Media Lab).

Beast from the East - Resident of Second East, East Campus.

beaver - The MIT mascot.

Big Sail - The official name of the steel sculpture south of the Green Building. Site of the annual spontaneous tuition riot. Usually called the Great Sail.

Big Screw - A 36", solid aluminum, left-handed thread, wood screw presented by APO during Spring Weekend to the faculty or staff member voted most deserving.

blooter - (1) *adj.* \ Any person or object of unbelievably large size, e.g. , "That's a blooter corn muffin you have there." (2) *n.* \ The nickname of the 16 oz. "extra large" coffees sold by the SCC 24-hour coffeehouse during finals week.

blow off - *v.* \ (1) To flush. (2) To punt.

Bomber - Resident of Burton Third.

Brass Rat - Ugly hunk of gold some MIT students and alums wear on a finger.

Bridge Circuit - (1) A running course along the Charles River which includes the BU, Harvard, and/or Longfellow Bridges. Not to be confused with a circuit bridge. (2) A series of contests where people play rubbers.

Bronze Bunny - Sculpture in Lowell Court (building 1). Officially named "Three Piece Reclining Figure, Draped."

Bruno - A unit of volume resulting from a piano falling six stories onto Amherst Alley from the roof of Baker House.

BSO - Boston Symphony Orchestra.

BSU - Black Students Union.

bummer - Post-choke or post-screw description of said choke or screw; in general, something not good.

bug - (1) A natural or introduced flaw, often the cause of a **crash**. (2) One of our cherished friends inhabiting MIT dorms, who does not pay tuition, nor, more relevantly, rent.

busted - (1) Arrested. (2) Broken.

by definition - (1) Clearly, obviously. (2) Necessarily. (3) "I can't remember why."

CAP - Committee on Academic Performance.

CAES - Center for Advanced Engineering Studies (building 9).

CAVS - Center for Advanced Visual Studies (building W11).

CEP - Committee on Educational Policy, defunct.

CUP - Committee on Undergraduate Programs.

ChemE - Chemical Engineering (Course X).

CivE - Civil Engineering (Course I).

CP - Campus Police.

COC - Committee on Curricula.

COD - Committee on Discipline.

CSC - Chinese Students Club.

CVA - Committee on Visual Arts. Student-faculty committee responsible for the placement of "art" on campus.

Cambridge Tool & Die - Local nerd shop; not to be confused with *Tool & Die*, an MIT "humor" magazine that is occasionally published.

Camp Cambridge - MIT.

Caveat emptor - Let the buyer beware.

Chancellor - The office previously held by Paul Gray. No longer exists.

Cheney Room - Margaret Cheney Room (3-310), for women students only.

Chocolate City - Top three floors of New House 1.

choke - v. \ To snatch defeat from the jaws of victory.

Chorallaries - Close-harmony mixed-voice vocal group.

Compton Lecture Hall - Room 26-100.

Concourse - An experimental freshman program. Prof. Jerry Lettvin (x3-3200) has more information.

Coop - Co-operative store. Located in Kendall Square, the Student Center, Harvard Square, and other locations. See *Shopping* chapter.

Course - (1) Department major. (2) Subject (e.g., 5.11). **Note:** the Registrar's Office has declared (2) an invalid definition.

crash - v. \ (1) To sleep in a place where one does not pay rent, such as a friend's apartment. (2) To join a party without being invited. (3) To cease functioning, as in a computer system.

cretin - A fool.

crock - (1) Something that has been botched, e.g., "What a crock." (2) Bucket, e.g., "This is a crock of shit."

crunch - (1) *n.* \ What happens at the end of the term. (2) *v.* \ To process mindlessly, as in "number crunch".

CSR Center for Space Research (building 37).

dl - Dormline. Now replaced by 5ESS. "This is MIT. Collect and third-number calls will not be accepted at this number."

D-Labs - see **Draper**.

DSA - Dean for Student Affairs (7-133, x3-6776).

DSRE - Division for Study and Research in Education.

DYA - Domestic Year Away. (See *Academic* chapter.)

Deke - Delta Kappa Epsilon fraternity.

dope - *n.* \ (1) Marijuana, rarely other drugs. (2) Trace impurity added to pure substance to alter properties. (3) Moron (archaic).

DormCon - Dormitory Council. The central dormitory governing and coordinating body.

Dormline - Old MIT dormitory telephone system. (Also **dl**.) Now replaced by 5ESS.

Double E - see **EE**.

down - *adj.* \ (1) Feeling depressed, said of a person. (2) Non-working, **gronked**, said of a computer.

Draper - Formerly Instrumentation Labs. Works on inertial guidance systems, radar, etc. Divested by MIT due to student protest two decades ago. Hires many MIT students.

drop - *v.* \ To de-register for a subject during a term.

dweeb - *n.* \ Nerd.

EE - Electrical Engineering (Course VI-1).

EECS - Electrical Engineering and Computer Science (Course VI).

EIT - (rhymes with "fight") (1) The Engineer in Training exam, given each year to students en route to becoming professional engineers. (2) An exclamation which originated at TEP, used when someone is unfairly destroyed. Can be used as virtually any part of speech, e.g., "I got eited on my 18.03 test."

ESG - Experimental Study Group. An alternative freshman program located at 24-612. Associate Director Holly Sweet (x3-7786) has more information.

ESP - Education Studies Program. Runs HSSP (High School Studies Program), in which MIT students design and teach their own courses to high school students.

elephant - A large piece of furniture resembling a closet; common to Baker, Random, and New House.

emeritus - Retired from regular service with honor. See **professor**.

-er joke - A set of jokes common on campus, e.g., "Fiddler on the Roof? But I just met her!"

Ernie - Resident of Burton 5. Formerly **Smoker**.

FADC - Friday Afternoon Drinking Club. Synonymous with **FAC**.

FAC - Friday Afternoon Club.

FinBoard - Finance Board. The undergraduate body charged with proposing and administering the Undergraduate Association budget and funding student activities.

First-year - A freshman, at Wellesley.

Fishbowl - A workstation cluster of Project Athena located off the **Infinite Corridor** (building 11).

5ESS - MIT's new and improved phone system.

flushed - (1) *pp.* \ Turned down or out. Disappointed in some endeavor, usually involved with selling oneself. Example: "I got flushed at the mixer." (2) *v.* \ To get a reddish hue on one's face from heat, exertion, or embarrassment. Example: "I got flushed at the mixer." (3) *pp.* \ Disposed of. When said of a person, this connotes dismissal or expulsion. Example: "I got flushed at the mixer."

flame - *v.* \ To speak obnoxiously and/or at great length.

FPC - Faculty Policy Committee.

frappe - In New England, a snack made up of milk, syrup, and ice cream. It's called a "milkshake" in the English-speaking world.

F--- Truck - The Wellesley Senate Bus

G - Graduate student.

GAMIT - Gays at MIT (unrelated to this book).

GSC - Graduate Student Council. The governing body for graduate students as a group (50-110, x3-2195).

generate - To create; to come up with.

glitch - A **bug**; cause of sporadic gronkedness.

grease - The governing body of an organization.

greasy - Said of someone intimately involved in student activities; a denizen of

Stratton 4.

Great Sail - see **Big Sail**.

Green Line - (1) One of Boston's four subway lines. (2) Former access method to the roof of the Green Building.

gritch - (1) *v.* \ To complain. (2) *n.* \ Complaint. Not to be confused with glitch, which is sometimes the cause of a gritch.

Grogo - Mascot of *Technique*, the MIT yearbook. A big ape.

gronked - Kaput, non-functioning.

grungy - Grubby and dingy. What you feel like after studying 20 hours straight for a final in 85 degree heat.

hack - (1) *n.* \ A trick or prank. For example, having a balloon pop up out of the field in the middle of the Hahvahd-Yale football game or getting elected UAP are fine hacks. *v.* \ (2) To goof off, talk randomly, or just hang around. (3) To apply oneself, work hard, or try earnestly. Example: a computer hacker. Also connotes fanaticism. (4) To harass somebody, whether in fun or malice.

hacker - (1) One who hacks. (2) One who does a lot of some activity, e.g., pinball hacker.

Hacker Heaven - A summer program at LCS.

Hahvahd - The big red-brick school, both Up The Street and Up Chuck River; little liberal arts school.

Hahvahd Bridge - The Mass. Ave. bridge from MIT to Boston, which measures 364.4 Smoots + 1 ear in length.

HoToGAMIT - The old name for this book, which was always pronounced "how to gam it"; now it's spelled that way.

Hosed - Bogged down with work.

HowToGAMIT - The new, superior name for this book.

Hub - Boston.

Huntington Hall - Room 10-250.

IAP - Independent Activities Period. The month of January at MIT.

IFC - Interfraternity Conference. The central coordinating and governing body of the fraternities. Counterpart to **DormCon**.

IHTFP - (1) I Hate This #\$\$%&*!@ Place (if you can't figure it out, you don't deserve to know). (2) I Have Truly Found Paradise. (3) It's Hard To Fondle Penguins. (4) I Help Tutor Freshman Physics. (5) I Have To Forever Pay. (See **TDM**.)

IPC - Information Processing Center (building 11).

I/S - Information Services (building 11).

ISP - Integrated Studies Program, an alternative freshman program. Contact Prof.

HowToGAMIT XXVII

Leon Trilling (x3-7481) for more information.

Infinite Corridor - A quarter-mile hallway through the heart of the Institute. The longest continuous straight corridor in the world.

infinitely - Exceedingly, really, quite, e.g., "infinitely screwed up."

Institute - MIT.

Institute Professor see **professor**.

instructor - (1) Person who stands in front of students and lets fall pearls of wisdom. (2) Academic rank in the lower echelons of the junior faculty.

Interphase - An intensive summer academic program for minorities, designed to ease the transition from high school to MIT.

intuitively obvious - (1) Too simpleminded to deserve explanation. (2) More often, too abstruse to explain if the speaker understands it at all.

"Is this how I get to Baker House?" - Classic line said by a freshman to a Campus Police officer when caught in the steam tunnels.

JYA - Junior Year Abroad.

Jack Florey - (1) Mythical resident of Fifth East, East Campus. (2) A hacking group associated with Fifth East.

James Tetazoo - (1) Mythical resident of Third East, East Campus. (2) A hacking group associated with Third East.

J. Arthur Random - (1) Mythical resident of Random Hall.

jock - (1) An athletic supporter. (2) An athletic supporter. (3) Anyone who does a lot of something.

JudComm - Judicial Committee, a generic term signifying a group of students charged with enforcing student laws. Usually attached to a living group.

k - One thousand (of anything).

KK - Kosher Kitchen.

Killian Court - Great Court.

kiosk - (1) A large cylindrical bulletin boards located in halls around the Institute. (2) A newspaper stand located in the street, such as the one at Harvard Square.

Kiss of Death Award - The Baker award, given to professors who teach well. A surprisingly high percentage of Baker award recipients are subsequently denied tenure. Damned shame, too.

kludge - (rhymes with "stooge") (1) A Rube Goldberg-style device which appears unlikely to work but does anyhow. (2) Something complex that doesn't work, e.g., this definition.

Knight - (1) Resident of Burton Two. (2) What follows Kday.

Kresge - The hump between the Oval and the athletic field. Used for lectures, theatre, movies, concerts, conferences, and - less frequently - skiing.

LCS - Laboratory for Computer Science. Interdepartmental facility devoted to research in the computer and information sciences (x3-6201).

LSC - Lecture Series Committee. A student organization that puts on movies, lectures, and other entertainment for the MIT community.

Lambchops - Lambda Chi Alpha fraternity.

lecturer - (1) One who lectures. (2) Low, low academic rank.

living group - The place where you live (may not apply for some people found in the Student Center).

L-Lab - Lincoln Laboratory, a special MIT-affiliated laboratory located in Lexington. Its specialties include optics, radio physics, data systems, radar, and re-entry systems.

Logarhythms - Small, all-male vocal group.

Loser - Will Shen.

MBTA - Massachusetts Bay Transit Authority. Operates the Boston area mass transit, well, not too horribly. Known as the "T".

MechE - Mechanical Engineering (Course II).

MIT Community - Nearly 20,000 students, faculty, researchers, staff, and employees at MIT. Sometimes used more expansively to include their families and also alumni.

MITERS - MIT Electronic Research Society.

MITOC - MIT Outing Club.

MITSC - MIT Skydiving Club.

MITSFS - MIT Science Fiction Society. Pronounced "mittsfiss" or "mitt-siffs," but never "misfits."

MITV - MITelevision.

MOF - Smile and ask a Baker resident. (Most Obnoxious Freshman)

MRS - Model Rocket Society.

MTG - Musical Theatre Guild.

mariah - A long piece of laboratory rubber tubing filled with water; useful in waterfights. Also spelled "moriah."

midnight requisition - How you get something when normal suppliers are closed.

milkshake - Snack made with milk and syrup, but *no* ice cream. If you want a "milkshake," order a **frappe**.

moat - The wet thing wrapped around the Chapel. A good place to throw

obnoxious people.

mumble - *n.* \ A verbal expression used to replace actual mumbling.

munge - *v.* \ To mangle, mutilate, or mess up badly.

n - A random number with various connotations. There are *n* ways to beat (or get screwed by) the system.

NGL - Nobody Gets Laid.

nerd - (pronounced *gnurd*) Someone who studies too much. Frequently connotes contempt. General insult noun, not necessarily unfriendly.

nonoptimal - *adj.* \ (1) In need of improvement. (2) Horribly bad.

nontrivial - (1) Very difficult. (2) Impossible. (See **trivial**.)

nuke - *n.* \ (1) Nuclear power plant. (2) Nuclear weapon. *v.* \ (3) To attack with a nuclear weapon, *e.g.*, "Nuke 'em 'til they glow." (4) Damage caused by a microwave oven, *e.g.*, "Nuke alert!", or by a jock, *e.g.*, "He nuked my knee." (4) To cook in a microwave oven, *e.g.*, "I'll just nuke some dinner."

OR - Operations Research.

ORK - Order of Random Knights, a hacking group based in Random Hall.

OSP - Office of Sponsored Programs. An administrative apparatus overseeing outside research grants and works at MIT.

petition - (1) *n.* \ A form used to request something unusual with regard to academics, such as placing out of all your upper-class requirements. *v.* \ (2) To fill out a petition form, submit it to the proper authorities, and satisfy other protocols associated with that kind of activity. (3) To petition for a delay on an Incomplete, an administrative means of procrastination.

placement - The process of career counseling, graduate school counseling, and finding a job (summer, temporary, or permanent). Often occurs at the Placement Office (12-170).

Player - Resident of Burton Four.

postdoc - Postdoctoral fellow.

postgrad - Graduate student.

powertool - (1) *n.* \ An electrically operated tool. (2) *v.* \ What one has to do to catch up on the entire term in any given course the night before the final exam in that course.

prefrosh - Those happy few who are deciding whether or not to come to MIT.

professor - (1) Person teaching a course. (2) Academic rank with three levels (assistant, associate, full) comprising the main body of the faculty. (3) Institute Professor: Academic post recognizing exceptional distinction. Institute Professors can work as they wish on research and teaching, without regard for formal boundaries and duties. (4) Professor Emeritus: Faculty member who has reached

70 (mandatory retirement age) but who is working (legally) at up to 50% of his or her former load.

Project Athena - A project to integrate computers into MIT academics.

Provost - The senior academic officer, who assists the President of the Institute in addition to carrying on projects of his own.

punt - (1) *v.t.* \ To determine after analytical deliberation not to do something, said of something often academic in nature. (2) *v.i.* \ To be in the process of not doing something.

putz - (1) *v.* To do something in a ridiculous manner or for no justifiable reason. (2) *n.* One who putzes.

quantum mechanics - People who repair quanta.

RA - Research Assistant. Usually a graduate student employed by a department, receiving pay plus a tuition allowance for research. Funded by outside grants.

RLE - Research Laboratory of Electronics, an interdisciplinary lab in building 36.

ROTC - Reserve Officer Training Corps. Military officer training program operating within MIT and some other colleges. Pronounced "rotsie."

random - (1) Any. (2) Indeterminate, sometimes connoting number. (3) Without order, garbled. (4) Average person.

Random - Resident of Random Hall.

Red Staple - Sculpture by Tang Hall. Officially named "For Marjorie."

rip-off (1) A theft. (2) Something so outrageously expensive as to be almost a theft, e.g., "Tickets to Bruins' hockey games are a real rip-off."

SAA - Student Art Association.

SACC - Social Action Coordination Committee (obsolete).

SAS - Student Assistance Services.

SCA - Society for Creative Anachronism.

SCC - Student Center Committee.

SCEP - Student Committee on Educational Policy.

SEG - Smile and ask an upper-classman.

SGS - Strategic Games Society.

SIPB - Student Information Processing Board. Pronounced "sip-bee."

Sala - La Sala de Puerto Rico. Large all-purpose room in the Student Center donated by Puerto Rico.

SCL - Student Center Library (obsolete).

screw - (1) Bad thing, such as the Institute Screw or "screwed to the wall." (2) What nuns don't do.

scrod - (1) *n.* \ A baby codfish. Example: "I got scrod by the Dining Service." (2) *v.* \ Past tense of screw. Example: "I got scrod by the Dining Service."

secretary - One who is paid starvation wages to run everything.

shrink - Psychiatrist.

Smoker - Outdated name for Burton Five resident (see **Ernie**).

Smoot - Unit of measurement of Harvard Bridge.

snow - *v.* \ (1) To impress someone, such as a date. (2) To confuse favorably with a profusion of detail. (3) *n.* \ Brown, cold particles that cover sidewalks and gutters through Boston winters. Reputed to contain water.

Sport Death - Philosophy at Senior House.

Squanch - (1) Resident of East Campus Third East. (2) A short fellow with a picket sign and a wilted flower.

Squinto - Nichols 2, 3, 4 (Senior House).

Stratton House - (1) Student Center (3rd, 4th, and 5th floors). (2) Not just a living group, it's a way of life.

Stud Center - Student Center.

Stud House - Student House.

subject - One or two professors, N students, a room, a formal curriculum, a formal subject number, and a formal grade, except when it isn't.

TA - Teaching Assistant. Usually a grad student employed by a department, receiving pay plus a tuition allowance for teaching duties. Funded by the Institute.

TCA - Technology Community Association. Has an office on the fourth floor of the Student Center. Operates various MIT community-related projects such as the Red Cross Blood Drives, a ticket service, a used-book exchange, and silk-screening facilities. Also writes and publishes *HowToGAMIT* (W20-450, x3-4885).

TDM - Too Damned Much. Refers to tuition.

TFM - See **TDM**.

TMRC - Tech Model Railroad Club (pronounced "tumruk").

TWO - Technology Wives Organization. Former name of Tech Community Women.

Tech - *archaic*. MIT. Now called the Institute.

Tech Talk - The official MIT newspaper published every Wednesday (except summers and Institute holidays).

Tech, The - A student-written and published newspaper that appears in Lobby 7 and other random places on Tuesdays and Fridays (except summers and Institute holidays).

Technology - Very archaic name for the Institute. See **Tech**.

Tech Square - (1) Member of the MIT Square Dancing Club. (2) Group of buildings located northeast of MIT, location of LCS and the MIT AI Lab.

tonic - Soda, New England style.

tool - (1) v. \ To study. (See **powertool**.) n. \ (2) One who studies to an extreme. Connotes over-concentration on problem sets. Supertool: an extreme extreme. (3) MIT student. Slightly derogatory.

Transparent Horizons - East Campus scrapheap traditionally buried in snow each winter.

trash - To destroy or vandalize, especially during a riot.

trivial - (1) Obvious. Often said sarcastically. (2) Easy to do.

Tuition Riot - Traditional "spontaneous" demonstration held to celebrate a tuition increase.

turkey - (1) A chestnut-stuffed, giblet-jammed Tom gobbler. (2) One lacking common sense.

'Tute - MIT.

U - Undergraduate.

UA - (1) Undergraduate Association. Organization of all MIT undergraduates (W20-401). (2) Urban Action (7-141).

UAAO - Undergraduate Academic Affairs Office (7-103). Its previous incarnations were known as OFA (Office of Freshman Advising) and FAC (Freshman Advisory Council).

UAC - Undergraduate Association Council. Undergraduate governing, coordinating, and information--distributing agency. Consists of the sum of living group representatives.

UAP - Undergraduate Association President. Presides over UAC and has other random duties.

UAVP - Undergraduate Association Vice President.

UMOC - Ugliest Manifestation On Campus (formerly Ugliest Man on Campus, changed to include women [as if this is a huge advancement for feminism]). A beauty contest run by APO each October. A penny per vote, all going to charity. Vote early! Vote often! Vote for your roommate!

UROP - Undergraduate Research Opportunity Program. A source of credit and dollars for many undergrads.

Urban Action - A student organization dedicated to community service which helps find projects for enthusiastic volunteers (20A-001, x3-2894).

urchin - Term, among others, for anyone (especially a high school student) who hangs around and makes a pest of himself, frequently causing objects of value to

sprout legs and walk away.

Vardebedia - Fifth floor of New House 4 (archaic).

Vigilante - Resident of MacGregor F-entry.

Virjin - Resident of MacGregor J-entry.

Women's League - Service and social organization for all MIT women. Formerly Tech Matrons.

Zebe - Zeta Beta Tau fraternity.

MIT LIBRARIES



3 9080 01370 1922



Technology Community Association

THE HISTORY OF THE
REIGN OF KING
JAMES THE FIRST
BY
JOHN HALLAM
ESQ.
OF THE MIDDLE TEMPLE
IN LINCOLN'S INN
LONDON:
PRINTED BY J. ALLEN,
STATIONER, IN ST. PAULS CHURCH-YARD.
1827.